

Introduction

Purpose

This manual provides instructions for:

- The importance of "Why a site survey is needed prior to installing the Passport® Edge and Secure Zone Router (SZR)"
- How to properly install the Passport Edge Hardware with the SZR
- How to configure the Passport Edge to support communication between Passport Edge server and clients, PIN pads, dispensers, Applause[™] Media System, and other site LAN devices

Gilbarco[®] Veeder-Root[®] introduces the Passport EDGE. The Passport Edge introduces new Passport Server (PS65) and Passport Client (Tablet) Hardware. The Passport Edge requires the installation of the SZR as the connection point for site LAN devices (see Figure 1).

Figure 1: Passport EDGE Connection Point



Intended Audience

The intended audience for this manual are Authorized Service Contractors (ASCs) and Customer Specified Contractors (CSCs) who have completed:

- Passport certification
- Dispenser certification
- Training for Passport V11.02J or later software installations
- Training for installation of the MX915 PIN Pad(s)
- Training for installation of SZR
- Training for installation of Applause (if installed)

Table of Contents

Торіс	Page
Introduction	1
Performing a Site Survey	5
Passport EDGE Hardware Setup	6
VeriFone® MX915 PIN Pad	17
Xenon™ 1900 Scanner	22
Passport Edge Software Setup	24
Passport Edge Installation	72
Appendix A: Epson TM-M30 Programming	74
Appendix B: GDS Programming	79
Appendix C: Registering the Store with Insite360	82
Appendix D: Customer Tablet Programming	84
Appendix E: Moving a Snapshot Backup from the PX52/PX60 System	85
Appendix F: Converting Site from a Non-Gilbarco POS to a Passport Edge POS	96

Required Tools and Materials

The following tools and materials maybe required to install a SZR at a site with a Passport system:

- Secure Zone Router (P/N PA04240000)
- MDE-5381 Secure Zone Router for Passport Configuration Poster
- MDE-5382 Secure Zone Router (Acumera) Installation Instructions
- MDE-5396 Secure Zone Router Site Survey Manual
- Recommended spare parts for Passport system service. For more information, refer to *PT-1869 Recommended Spare parts for Domestic Products*).
- Gilbarco Managed NETGEAR Switch (P/N Q13708-09 8-port; Q13708-06 16-port)
- Unmanaged switches (as needed), if there are multiple Passport clients, PIN pads, Impulse devices (P/N Q13708-01B)
- LAN cable(s) to connect the devices (P/N Q13850-XX)
- Laptop with a LAN Jack
- Mounting Hardware (needed for the installation)
 - Drywall Screws
 - Concrete anchors and screws for cinder block installs
 - 2' x 2' plywood backboard may be needed
- Cable Tester
- Power Drill
- RJ-11 and RJ-45 mod plugs
- DSL Filters
- Crimping and punch-down tools
- Cable ties for tying down LAN cables and power cords
- Label printer to label power supplies, cables and Managed NETGEAR Switch(es)
- Power sStrip as required
- Gender Menders (Q1380-63B, Q13180-20B, Q13180-17B)

Technical Assistance

If you need assistance with the tasks detailed in this manual, call the Gilbarco Technical Support Center at 1-800-743-7501.

Related Documents

Document Number	Title	GOLD ^s Library
MDE-3620	Point of Sale (POS) Systems Site Preparation Manual	Site Prep
MDE-3816	Passport Hardware Start-up and Service Manual	PassportService Manual
MDE-4910	Passport Enhanced Dispenser Hub Connections Manual	Passport
MDE-5239	Passport EDH2 Installation, Start-up, and Service Instructions	Passport
MDE-5302	Passport V11.02 Upgrade Instructions	Passport
MDE-5381	Secure Zone Router for Passport Configuration Poster	Passport
MDE-5382	Secure Zone Router (Acumera) Installation Instructions	Passport
MDE-5396	Secure Zone Router Site Survey Manual	Passport
PT-1869	Recommended Spare parts for Domestic Products	Parts Manual

Abbreviations and Acronyms

Term	Description
ASC	Authorized Service Contractor
ASU	Automated Software Upgrade
BOS	Back Office System
BRCM	Back Room Communication Module
CAT5	Category 5
COM	Communication
CRIND®	Card Reader in Dispenser
CSC	Customer Specified Contractors
CWS	Cashier Workstation
D-Box	Distribution Box
EDH	Enhanced Dispenser Hub
EMV®	Europay®, MasterCard®, and Visa®
GDS	Gilbarco Deployment Service
IP	Internet Protocol
ISP	Internet Service Provider
LAN	Local Area Network
LED	Light Emitting Diode
MG	Manage Gateway
MWS	Manager Workstation
PC	Personal Computer
PDL	Parameter Data Load or Parameter Download
POS	Point of Sale
SSL	Secured Socket Layer or Secure Sockets Layer
SZR	Secure Zone Router
TAC	Technical Assistance Center
TCP/IP	Transmission Control Protocol/Internet Protocol
TPOS	Tablet POS
UPS	Uninterruptible Power Supply
USB	Universal Serial Bus
VGA	Visual Graphics Adapter

Performing a Site Survey

The purpose of completing the Site Survey form is to inform all the involved parties of the current site equipment, required equipment, and any other relevant information. This information will be necessary before installing an SZR to ensure that the site owner/operator is informed of all necessary hardware, software, electrical requirements, and placement of the hardware.

Any missing items/issues must be resolved prior to the date of installation, thus ensuring a smooth and safe installation.

IMPORTANT INFORMATION

As a part of the installation of the Passport Edge with the SZR, it should be noted that the SZR must connect to the locally provided perimeter firewall device. The perimeter firewall device must be installed and provisioned correctly, with correct settings to allow access for the specific rules required out to the Internet. DO NOT proceed with the installation process if the Perimeter device or Internet Service Provider (ISP) are not provisioned and/or the firewall settings are not correctly set, as this will impede the SZR part of the installation from working properly.

During the Site Survey, select the correct template for this location (refer to "Secure Zone Router" on page 6). This template is downloaded during the pre-activation of the SZR and used to define the connection of each of the site device on the SZR.

Note: During the Site Survey it will be necessary to provide to the IT/owner of the site the Egress IPs located in MDE-5396 Secure Zone Site Survey Manual. These Egress Rules are considered confidential and proprietary to Gilbarco and Acumera, and and must remain under the control of the site's IT/owner.

Once the site survey is performed, submit the completed SZR site survey to the following email address: gvr.gso.ser.commissionings@gilbarco.com. This should be completed in at least three business days prior to the installation date for the site to be created in the AcuVigil portal.

Passport EDGE Hardware Setup

Introduction to the Passport EDGE Hardware

This section of the manual provides hardware instructions for installing the Passport PS65 Passport EDGE Server (PA0324PS65) along with the different devices that is connected to it to form the Passport EDGE System. The PS65 provides an interface between the Passport EDGE clients (tablets), Enhanced Dispenser Hub (EDH) 2, receipt printer, scanner, report printer, and Distribution Box (D-Box).



Figure 2: Passport EDGE Hardware

Secure Zone Router

The Passport Edge system uses the SZR (PA04240000) as the device to connect IP-based Gilbarco devices to it. During the Site Survey process, one of the template mentioned in the table (see page 7 through page 12) is selected which indicates connection of devices to SZR ports. For other connections, which are required for the SZR to work correctly, refer to *MDE-5381 Secure Zone Router for Passport Configuration* and *MDE-5382 Secure Zone Router (Acumera) Installation Instructions*.

The following are the templates for a single client setup (8-Port):

30T-8-FRONT-EDGE-BASIC		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	PayDev	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	Auxiliary	Applause Media System
8	PayDev	Dispensers

31T-8-FRONT-EDGE-PAYMENT		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	PayDev	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	PaymentZone	Payment
8	PayDev	Dispensers

32T-8-FRONT-EDGE-PAYMENT-TRUNK		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	PayDev	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	PaymentZone	Payment
8	Switch (Trunk) OUT	To another switch

33T-8-BACK-EDGE-CRIND-AUX		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	From front/another switch
2	PayDev	CRIND
3	PayDev	CRIND
4	PayDev	CRIND
5	PayDev	CRIND
6	PayDev	CRIND
7	PayDev	CRIND
8	Auxiliary	Applause

34T-16-FRONT-EDGE-BASIC		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	POS	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	Not Used	Not Used
8	Auxiliary	Tablet 2
9	PayDev	PIN Pad 2
10	Auxiliary	Receipt Printer 2
11	Auxiliary	Applause
12	PayDev	Dispensers
13	Not Used	Not Used
14	Not Used	Not Used
15	Not Used	Not Used
16	Not Used	Not Used

The following templates are for a dual client setup (16-Port):

35T-16-FRONT-EDGE-PAYMENT		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	PayDev	PIN PAD 1
6	Auxiliary	Receipt Printer 1
7	Payment	PAYMENT
8	Auxiliary	Tablet 2
9	PayDev	PIN Pad 2
10	Auxiliary	Receipt Printer 2
11	Auxiliary	APPLAUSE
12	PayDev	Dispensers
13	Not Used	Not Used
14	Not Used	Not Used
15	Not Used	Not Used
16	Not Used	Not Used

36T-8- FRONT-EDGE-BASIC-TRUNK		
Port V-LAN Segment Device		
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	PayDev	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	Not Used	Not Used
8	Switch (Trunk) OUT	To another switch

The following templates are for a dual client setup (8-Port):

37T-8-FRONT-EDGE-BASIC-2 ND SWITCH		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	From front/another switch
2	Auxiliary	Tablet 2
3	PayDev	PIN Pad 2
4	Auxiliary	Receipt Printer 2
5	Not Used	Not Used
6	Not Used	Not Used
7	Auxiliary	Applause Media System
8	PayDev	Dispensers

32T-8-FRONT-EDGE-PAYMENT-TRUNK		E-PAYMENT-TRUNK
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	PayDev	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	Not Used	Not Used
8	Switch (Trunk) OUT	To another switch

38T-8	38T-8-FRONT-EDGE-PAYMENT-TRUNK-2№ SWITCH		
Port	V-LAN Segment	Device	
1	Switch (Trunk) IN	From front/another switch	
2	Auxiliary	Tablet 2	
3	PayDev	PIN Pad 2	
4	Auxiliary	Receipt Printer 2	
5	Not Used	Not Used	
6	Payment	Payment	
7	Auxiliary	Applause Media System	
8	PayDev	Dispensers	

39T-8- FRONT-EDGE-CD-BASIC		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	PayDev	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	Auxiliary	Customer Display 1
8	PayDev	Dispensers

The following templates are for a single client setup using a customer display (8-Port):

40T-8-FRONT-EDGE-CD-PAYMENT		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	PayDev	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	Auxiliary	Customer Display 2
8	PaymentZone	Payment

41T-8- FRONT-EDGE-CD-BASIC-TRUNK		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	PayDev	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	Auxiliary	Customer Display 1
8	Switch (Trunk) Out	To another switch

The following templates are for a dual client setup using a customer display (8-Port):

42	42T-8-FRONT-EDGE-CD-BASIC-2ND SWITCH		
Port	V-LAN Segment	Device	
1	Switch (Trunk) IN	From front/another switch	
2	Auxiliary	Tablet 2	
3	PayDev	PIN Pad 2	
4	Auxiliary	Receipt Printer 2	
5	Auxiliary	Customer Display 2	
6	Not Used	Not Used	
7	Auxiliary	Applause	
8	PayDev	Dispensers	

43	43T-8-FRONT-EDGE-CD-PAYMENT-TRUNK		
Port	V-LAN Segment	DEVICE	
1	Switch (Trunk) IN	MG	
2	EDH	EDH	
3	POS	TPOS (Server)	
4	Auxiliary	Tablet 1	
5	PayDev	PIN Pad 1	
6	Auxiliary	Receipt Printer 1	
7	Auxiliary	Customer Display 1	
8	Switch (Trunk) Out	To another switch	

44T-8-FRONT-EDGE-CD-PAYMENT-TRUNK-2 nd SWITCH		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	From front/another switch
2	Auxiliary	Tablet 2
3	PayDev	PIN Pad 2
4	Auxiliary	Receipt Printer 2
5	Auxiliary	Customer Display 2
6	PaymentZone	Payment
7	Auxiliary	Applause
8	PayDev	Dispensers

2	Auxiliary	Tablet 2
3	PayDev	PIN Pad 2
4	Auxiliary	Receipt Printer 2
5	Auxiliary	Customer Display 2
6	PaymentZone	Payment
7	Auxiliary	Applause
Q	BayDoy	Dispansors

45T-16-FRONT-EDGE-CD-BASIC		
Port	V-LAN Segment	Device
1	Switch (Trunk) IN	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	POS	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	Auxiliary	Customer Display 1
8	Not Used	Not Used
9	Auxiliary	Tablet 2
10	PayDev	PIN Pad 2
11	Auxiliary	Receipt Printer 2
12	Auxiliary	Customer Display 2
13	Auxiliary	Applause
14	PayDev	Dispensers
15	Not Used	Not Used
16	Not Used	Not Used

The following templates are for a dual client setup using a customer display (16-Port):

46T-16-FRONT-EDGE-CD-PAYMENT		
Port	V-LAN Segment	Device
1	Switch (Trunk) In	MG
2	EDH	EDH
3	POS	TPOS (Sever)
4	Auxiliary	Tablet 1
5	PayDev	PIN PAD 1
6	Auxiliary	Receipt Printer 1
7	Auxiliary	Customer Display 1
8	PaymentZone	Payment
9	Auxiliary	Tablet 2
10	PayDev	PIN Pad 2
11	Auxiliary	Receipt Printer 2
12	Auxiliary	Customer Display 2
13	Auxiliary	Applause
14	PayDev	Dispensers
15	Not Used	Not Used
16	Not Used	Not Used

Passport Edge Server (PS65)

The PS65 should be connected to an Uninterruptible Power Supply (UPS) and may be mounted on the wall, under a counter, upfront in the sales area; or if the site prefers, it can be mounted in the in a similar way in the manager's office area. If mounted under a counter, it must be at least 18-inches above the floor; and if mounted in the manager's office area, consideration should be taken as to CAT5 cabling along with Serial Line Booster(s) that maybe needed due to the fact that the scanners are connected to the PS65 on either COM 1 and/or COM 2 port.

The Passport Edge (PS65) supports a Visual Graphics Adapter (VGA) type monitor (customer provided) along with a USB keyboard and USB mouse (customer provided).



Figure 3: Passport EDGE PS65 Hardware

The LAN port on the Passport Edge Server connects to the Port 3 on the SZR NETGEAR Switch [either 8-port or 16-port (see Figure 4)].





If the Passport Edge system is replacing an existing competitive POS system(s), refer to the site survey to understand the requirement for an existing Dispensers and D-Box so that they communicate to the Passport EDGE, once the installation completes.

Use at least two (four is recommended) #8 X 1-inch wood screws to mount the PS65 (see Figure 5) on the left and right side of the unit, using the keyholes on the PX65. Ensure that you mount the PS65 in a position that allows the cashier and manager to view the Light Emitting Diodes [LEDs (see Figure 6)] and prevent liquid from entering the ports on the unit.

Figure 5: Mounting PS65



Figure 6: Mounting PS65 - 1



Passport EDGE using the EDH2

The Passport Edge system uses the current EDH2 (PA4190003). Connect the LAN port of the EDH2 to Port 2 of the SZR, using a CAT5 cable (see Figure 7). For all other connections that are required for the EDH, refer to *MDE-4910 Passport Enhanced Dispenser Hub Connections Manual* and *MDE-5239 Passport EDH2 Installation, Start-up, and Service Instructions*.



Figure 7: Connecting LAN Port of EDH2 to Port 2 of SZR

IMPORTANT INFORMATION

As a part of the installation of the Passport Edge with the EDH, note that if you are converting a site that currently has a PX52 Passport with an EDH (PA04030000), that EDH can be used, if the EDH has installed 2G of memory and a 16G compact flash card (formatted for NTFS) to work properly. If these items are not installed then they MUST be installed prior to upgrade the location/site.

Passport Client (Tablet)

The Passport Edge Tablet(s) will connect to the SZR using the connection points indicated in the following templates:

30T-8- FRONT-EDGE-BASIC		
Port	V-LAN Segment	DEVICE
1	Switch (Trunk) In	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	PayDev	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	Auxiliary	Applause Media System
8	PayDev	Dispensers

Example of the 8-port switch

Figure 8: 8-Port Switch



34T-16-FRONT-EDGE-BASIC		
Port	V-LAN Segment	DEVICE
1	Switch (Trunk) In	MG
2	EDH	EDH
3	POS	TPOS (Server)
4	Auxiliary	Tablet 1
5	POS	PIN Pad 1
6	Auxiliary	Receipt Printer 1
7	Not Used	Not Used
8	Auxiliary	Tablet 2
9	PayDev	PIN Pad 2
10	Auxiliary	Receipt Printer 2
11	Auxiliary	Applause Media System
12	PayDev	Dispensers
13	Not Used	Not Used
14	Not Used	Not Used
15	Not Used	Not Used
16	Not Used	Not Used

VeriFone® MX915 PIN Pad

The Passport Edge system uses the VeriFone MX915 PIN Pad (P/N will vary as per based network). The MX915 PIN connects to the SZR using a CAT5 cable (see Figure 9). For PIN pad installation instructions, refer to *MDE-5213 VeriFone MX915 PIN Pad Installations Instructions*.

	30T-8- FRONT-EDGE-BASIC				
Port	V-LAN Segment	DEVICE			
1	Switch (Trunk) In	MG			
2	EDH	EDH			
3	POS	TPOS (Server)			
4	Auxiliary	Tablet 1			
5	PayDev	PIN Pad 1			
6	Auxiliary	Receipt Printer 1			
7	Auxiliary	APPLAUSE			
8	PayDev	DISPENSERS			

Example of the 8-port switch

Figure 9: Connecting MX915 PIN Pad to SZR



34T-16-FRONT-EDGE-BASIC					
Port	V-LAN Segment	DEVICE			
1	Switch (Trunk) In	MG			
2	EDH	EDH			
3	POS	TPOS (Server)			
4	Auxiliary	Tablet 1			
5	POS	PIN Pad 1			
6	Auxiliary	Receipt Printer 1			
7	Not Used	Not Used			
8	Auxiliary	Tablet 2			
9	PayDev	PIN Pad 2			
10	Auxiliary	Receipt Printer 2			
11	Auxiliary	Applause			
12	PayDev	Dispensers			
13	Not Used	Not Used			
14	Not Used	Not Used			
15	Not Used	Not Used			
16	Not Used	Not Used			

IP Based Receipt Printer

The Passport Edge system uses the Epson® Receipt Printer Model TM-M30 (PA04300043). The Receipt Printer connects to the SZR using a CAT5 cable (see Figure 10).

	30T-8- FRONT-EDGE-BASIC				
Port	V-LAN Segment	DEVICE			
1	Switch (Trunk) I	MG			
2	EDH	EDH			
3	POS	TPOS (Server)			
4	Auxiliary	Tablet 1			
5	PayDev	PIN Pad 1			
6	Auxiliary	Receipt Printer 1			
7	Auxiliary	Applause			
8	PayDev	Dispensers			

34T-16-FRONT-EDGE-BASIC				
Port	V-LAN Segment	DEVICE		
1	Switch (Trunk) In	MG		
2	EDH	EDH		
3	POS	TPOS (Server)		
4	Auxiliary	Tablet 1		
5	POS	PIN Pad 1		
6	Auxiliary	Receipt Printer 1		
7	Not Used	Not Used		
8	Auxiliary	Tablet 2		
9	PayDev	PIN Pad 2		
10	Auxiliary	Receipt Printer 2		
11	Auxiliary	Applause		
12	PayDev	Dispensers		
13	Not Used	Not Used		
14	Not Used	Not Used		
15	Not Used	Not Used		
16	Not Used	Not Used		

Example of the 8-port switch

Figure 10: Connecting Receipt Printer to the SZR



Passport Customer Display

The Passport customer display will connect to the SZR using a Serial to IP Adapter. The Adapter connects to the customer display using a connection point on the left-hand side and to the SZR using a connection point on the right-hand side of the adapter (see Figure 11 on page 21).

Note: The customer display is currently required only for Shell and/or BP locations but maybe required in other locations based on local requirements.

30T-8- FRONT-EDGE-BASIC				
Port	V-LAN Segment	Device		
1	Switch (Trunk) IN	MG		
2	EDH	EDH		
3	POS	TPOS (Server)		
4	Auxiliary	Tablet 1		
5	PayDev	PIN Pad 1		
6	Auxiliary	Receipt Printer 1		
7	Auxiliary	Customer Display 1		
8	PayDev	Dispensers		

34T-16-FRONT-EDGE-CD-BASIC				
Port	V-LAN Segment	DEVICE		
1	Switch (Trunk) IN	MG		
2	EDH	EDH		
3	POS	TPOS (Server)		
4	Auxiliary	Tablet 1		
5	POS	PIN Pad 1		
6	Auxiliary	Receipt Printer 1		
7	Auxiliary	Customer Display 1		
8	Not Used	Not Used		
9	Auxiliary	Tablet 2		
10	PayDev	PIN Pad 2		
11	Auxiliary	Receipt Printer 2		
12	Auxiliary	Customer Display 2		
13	Auxiliary	Applause		
14	PayDev	Dispensers		
15	Not Used	Not Used		
16	Not Used	Not Used		

Example of the 8-port switch





Xenon[™] 1900 Scanner

The Passport Edge system uses the Xenon 1900 2D Scanner (PA02710513). The Xenon 1900 connects to either COM 1 or COM 2 port on the Passport Edge Server, using either a dongle or a CAT5 cable with a Q13180-63B gender adapter. If the distance from Xenon 1900 to the Passport Edge Server is more that 50-feet, a serial line booster maybe required to ensure communication. For more information, refer to the table in "Table of Serial Line Booster Requirements (when and if needed)" to select the type of serial line booster that might be needed.



Figure 12: Connecting Xenon 1900 Scanner to Passport EDGE Server

Table of Serial Line Booster Requirements (when and if needed)

0-50 feet	50-100 feet	100-150 feet	150-1000 feet
No Booster required	Q13241 102 is recommended	Q13241 102 is required	Q13241 120 is required

Passport Report Printer

The Passport Edge system will use the Brother Compact Laser Report Printer (PA03400008). Follow the installation instructions found in the shipping box, to connect this printer to the Passport Edge Server using a USB cable.



Figure 13: Connecting Brother Report Printer to Passport EDGE Server

Passport Edge Software Setup

Introduction to the Passport Edge Software

This section of the manual provides software installation instructions for the Passport PS65 Passport EDGE Server (PA0324PS65) along with the different devices that are connected to it to form the Passport EDGE System.



IMPORTANT INFORMATION

If the location/site is equipped with a PX52 or PX60, perform the steps found in "Appendix E: Moving a Snapshot Backup from the PX52/PX60 System" on page 85 to transfer the information contained in those systems to the Passport Edge System.

Installing Software on Passport Edge Server (PS65)

IMPORTANT INFORMATION

The Passport Edge is delivered from the factory with Passport Version 11.02 software pre-installed. Once the Passport is powered up, it displays the branding screen (see Figure 20 on page 28) and the installation starts. If the software needs to be reloaded, the installation should start from step 1. In either case, the default IP address of PS65 is 10.5.48.2. **DO NOT CHANGE THIS SETTING**.

To complete software installation on PS65, proceed as follows:

- **1** Boot up the PS65 device using the USB Thumb Drive KS7S65-001FD for either version 11.02J and/or version 11.04B.
- 2 When powering up, press F7. The screen as shown in Figure 14 opens.

Figure 14: Boot Menu Screen



3 From the Boot Menu screen, select the appropriate USB.

Figure 15: Selecting the USB from Boot Menu



4 Once the Passport EDGE factory image recovery screen opens, leave the USB thumb drive plugged in as it contains the PS65 recovery images.

0	Primary Hard Drive	ge			
Restore	Use this option ONLY when overwrite all partitions on the Available Images	you want to install a n ne primary drive.	ew dean image on t	he hard drive. This v	vill
	Image	Path	Туре	Tool	
Tools	ver-p-POSSERVER01 ver-r-POSSERVER01 11.02.XX.01JMP2.tbi E40.8.254765-20160 E40.8.2547660-PRO	D:\Gilbarco\mages D:\Gilbarco\mages F:\mages F:\mages F:\mages	(unknown) (unknown) (unknown) EDH EDH	Image For Win (W) Image For Win (W) Image For Win (W) Image For Win (W) Image For Win (W)	in7) in7) in7) in7)
Clean Image	4				
	Pattern F.TBI, *.(GHO, ".IMG		Se	arch
	5 file(s) found				

Figure 16: Passport EDGE Image Recovery Screen

5 From the Available Images field, select **11.02.xx01JMP2.tbi** or **11.04xx.01BMP7.tbi** or higher depending on what version is required for this location.

Figure 17: Selecting the Machine Type

w Drive	Install Clean Ima Primary Hard Drive Use this option ONLY when overwrite all partitions on th Available Images	ge you want to install a n he primary drive.	ew dean image on	the hard drive. This v	val
Tools	Image ver-p-POSSERVER01 ver-r-POSSERVER01 11.02.XX.013MP204 Ex0.013 FE00 2016	Path D:\Gilbarco\images D:\Gilbarco\images F:\images	Type (unknown) (unknown) (unknown)	Tool Image For Win (Wi Image For Win (Wi Image For Win (Wi	n7) n7) n7)
ean Image	E40.8.25 4860-PRO	F:\mages F:\mages	EDH EDH	Image For Win (Wi Image For Win (Wi	n7) n7)
C1	Pattern (",TBI, ",	GHO, ".IMG		Se	arch
C1	Pattern T.TBI, T.	GHO, ".IMG		Sr	1 1 (2

6 Once the server image is selected, click **Restore.**

Figure 18: Clicking Restore

ew Drive	Install Clean Ima Primary Hard Drive Use this option ONLY when overwrite all partitions on to Available Images	age you want to install a n he primary drive.	ew dean image or	n the hard drive. This will
0	Image	Path	Туре	Tool
Tools	ver-p-POSSERVER01 ver-r-POSSERVER01 11.02.XX.013MP2.tbi E40.8.25 FRS-20160 E40.8.25 4660-PRO	D:\Gilbarco\mages D:\Gilbarco\mages F:\mages F:\mages F:\mages F:\mages	(unknown) (unknown) (unknown) EDH EDH	Image For Win (Win7) Image For Win (Win7) Image For Win (Win7) Image For Win (Win7) Image For Win (Win7)
ean Image	Pattern (".TBI, ".	GHO, ".IMG		Search
Prompt	S file(s) found			

Figure 19: Restore in Progress

	Restoring image	
A SALE OF A DESCRIPTION OF A DESCRIPTION OF A DESCRIPTION		
	Processing Item: 1 of 2	
IMAGE	Restoring, MBH U Partition [UI] 46	UUT MIB HPTS/NTES
Windows	From: Filmages111 02 XX 01.IMP	2 TRI
-	Overall Progress	
	Statistics	
	MiB Remaining: 4,096	Time Elapsed: 0:00:06:57
	MIB Transfered: 15,105	Time Remaining: 2 minutes

7 The device will reboot when this process is completed. Remove the USB Thumb Drive from PS65 Server as the reboot process starts.

8 As the PS65 reboots, the following screens open (see Figure 20).



Figure 20: Reboot Screen

9 Once the installation process completes, the branding screen opens. Select the correct brand for the location that you are installing.



Figure 21: Brand Selection Screen

10 Once the brand is selected, select **Yes** to start the process.



Figure 22: Starting the Branding Process

11 Once the branding process is completed, the Passport login screen opens.

Figure 23: Passport Login Screen



- 12 Sign on to the Manager's Workstation (MWS) and contact Gilbarco Help Desk at 1-800-800-7498 to complete the feature bundle process. When requesting feature bundle activation, please ask for the "Tablet POS Suite Bundle".
 - Notes: 1) The following bundles should be activated when the process of installing feature bundle is completed: Base Passport, Enhanced Loyalty Interface, Multiple Loyal Interface, and Tablet POS.
 - 2) The only other feature bundle that can be activated with Passport Edge is Mobile Payment.

Figure 24: Passport Activation Application



13 Once the feature bundle process is complete, install any service and/or maintenance packs that might be required for the brand you have selected. *Note: This should be completed prior to moving onto the EDH2 or Tablet software*

ote: This should be completed prior to moving onto the EDH2 or Tablet soft installation.

14 If the Passport screen is displayed as shown in Figure 25, then the settings need to be updated to reflect 800X600 resolution and landscape. If required, perform the following steps to complete those changes.

Figure 25: Passport Screen



a Login to System Maintenance second level, using "callcenter" as the user and the weekly password.

Figure 26: System Maintenance Screen



b From System Maintenance screen, select **Call Center** > **Adv User**.

Figure 27: Selecting Call Center > Adv User



c To open Image Control Panel, enter Username as "PassporttTech" and the correct password in the Please Sign On dialog box and click **OK**.

Figure 28: Image Control Panel Login Dialog Box

Please Sign On		×
To utilize these Username and administrative	e functions, you must provide the I password of an account with privileges.	
Username	PassportTech	
Password	•••••	
	OK Cancel	

d From the Image Control Panel, select Window Control Panel.

Figure 29: Image Control Panel Login Dialog Box

	Passport Imag	e Control Panel		
Machine Name: POSS	ERVER01	Passport Vers	ion: 11.02.23.01J	
Current User: Passpor	tTech	Image Version	: 40.10.25	
TimeZone:Eastern Sta	indard Time	Brand:CONCO	ORD	
System Recovery	Select Time Zone	Rename CWS Client	Install Report Printe	
Install APC Software	Brand Selection	Process Explorer	SQL Server Management Stud	
Windows Explorer	Install Passport Application Software	Secure Erase Files	SQL Query EDH Dashboard Add FTP User	
Windows Control Panel	Administrative Command Prompt	Directory Size Viewer		
Internet Explorer (10.5.40.1)	Central Deployment (GDS)	View Health Check Report		
Passport EDGE	sport EDGE Approved Louncher EDH Diagnostics		Administrative Computer Mgmt	
C J	٤.			
Remo	te Access (noden) is disab	abled	Access	

e Once the Adjust you computer's Setting screen opens, under "Appearance and Personalization", select **Adjust screen resolution**.

Figure 30: Adjusting Screen Resolution



f In the Change the appearance of your display screen, select **800X600** from the Resolution drop-down list, and then select **Landscape** from the Orientation-drop-down list.

\bigcirc	Detect Identify
Display: 1. DELL 1909W	
Resolution: 800 × 600	
Orientation: Landscape	
	Advanced setting
Connect to a projector (or press the 💐 key and tap P)	
Make text and other items larger or smaller	
What display settings should I choose?	
	OK Cancel Apply

Figure 31: Changing Appearance of the Screen

g Once this is done, click **OK**. The system will ask if you want to apply these settings, select **Yes**.

Figure 32: Confirming Settings

1	Detect Identify
Display: 1. DELL 1909W 💌	
Resolution: 800 × 600	
Orientation:	
	Advanced setting
Connect to a projector (or press the 💐 key and tap P)	
Make text and other items larger or smaller	
What display settings should I choose?	
	OK Cancel Apply

h Once this is completed, reboot the PS65. Once it reboots, the Passport screen should be displayed in Landscape orientation.



Figure 33: Correct Orientation of passport Screen

Passport EDGE EDH2

IMPORTANT INFORMATION

Installation of the software on the EDH2 contains the default IP address for this device (10.5.50.2). **DO NOT CHANGE THIS SETTING**.

The Passport Edge system uses EDH2 (PA4190003). Connect the LAN port of the EDH 2 to port 2 of the SZR using a CAT5 cable. For all the other connections that are required for EDH, refer to *MDE-4910 Passport Enhanced Dispenser Hub Connections Manual* and *MDE-5239 Passport EDH2 Installation, Start-up, and Service Instructions.*

Loading the software onto the EDH2 requires the software upgrade on the PS65 (Edge Server) to be completed. To install the software after the EDH2 is connected, proceed as follows:

- 1 Connect a monitor, USB keyboard, and a USB mouse to the EDH.
- 2 Insert EDH KS7S65-001FD thumb drive into one of the open USB ports.
- **3** Apply AC power to the EDH, press **F7**, and select the USB drive from the Boot Menu.

Figure 34: Passport Activation Application



4 From Image Recovery dialog box, click **Clean Image**. When the screen loads, it will automatically search all the drives attached and networked looking for image files (Ghost GHO, old Image for Windows IMG, new Image for Windows TBI).

Figure	35:	Selecting	Clean	Image
--------	-----	-----------	-------	-------

Drive	Install Clean Ima Primary Hard Drive Use this option ONLY when overwrite all partitions on the Available Images	you want to install a n he primary drive.	ew dean image or	n the hard drive. This will
	Image	Path	Туре	Tool
ools	ver-p-POSSERVER01 ver-r-POSSERVER01 11.02.XX.013MP2.tbs E40.8.25 PS-20160 E40.8.25 PS-20160	D:\Gibarco\mages D:\Gibarco\mages F:\mages F:\mages F:\mages F:\mages	(unknown) (unknown) (unknown) EDH EDH	Image For Win (Win7) Image For Win (Win7) Image For Win (Win7) Image For Win (Win7) Image For Win (Win7)
Image	<u> </u>			
	Pattern F.TBI, *.	GHO, *,IMG		Search
ompt	S file(s) found			
- X				Restore

5 Select the E40.8.25PE60.TBI image that matches the EDH2 hardware profile.

Figure 36: Selecting the E40.8.25PE60.TBI Image

Passpo	t Image Reco	very 04.1	.03 minint-9	fq91cg 1	59.254.95.150
New D	Primary Ha	Clean Ima ard Drive otion ONLY wher all partitions on e Images	age 1 you want to install a ne the primary drive.	w dean image oi	the hard drive. This will
			Path	Type	Tool
	s asu-p-1 E40.8. 11.02. 11.02. S40.10 E40.8.	PASSPORTEPS 25-PE60.TBI XX.01JMP2.TBI XX.01JQF999 .25_2018052 25-PE60.TBI	F: (Gilbarco \IMAGES F: (Gilbarco \IMAGES G: (Hardware \Images G: (Hardware \Images G: (Hardware \Images G: (Hardware \Images G: (Hardware \Images)	(unknown) EDH (unknown) (unknown) Server EDH	Image For Win (Win 2) Image For Win (Win 2)
	Pattern	*.TBI, *.	GHO, *.IMG		Search
Pror	pt 8 file(s)	found			
Ex					Restore
6 After selecting the image, click **Restore Clean Image** and you will be prompted to confirm the file name and that you are about to overwrite all partitions on the primary disk. Click **Yes** to confirm on both caution message boxes.

Figure 37: Restoring the Clean Image

Image Recovery	X Image Recovery
You have chosen to: Restore base image 'F:\Gilbarco\UMAGES\E40.8.25-PE60.TBI', overwriting all partitions on primary disk. Do you want to continue with this operation?	WARNING: You are about to overwrite the primary drive of this machine. Existing data on the C:, D: and X: drives will be permanently overwritten. Do not interrupt the procedure or turn off the machine as the machine may fail to boot. Are you sure you want to continue?
Yes No Cancel	Yes No Cancel
(1)	(ii)

- 7 After the installation completes (approximately 5 minutes with USB 2.0 enabled), the EDH will automatically reboot. Remove the USB drive any time after the reboot.
- 8 After the reboot is completed, the following screen opens (see Figure 38).



Figure 38: Login Screen

After the OS installation is completed on the EDH, the remaining steps is performed on the Passport EDGE Server.

9 Access the System Maintenance toolbar on the server using either the "Call Center" as the user name and the current call center password for the week.

10 From the System Maintenance toolbar, select **Tools** > **Dashboard**.

Figure 39: System Maintenance Toolbar > Tools > Dashboard



11 From the Dashboard Main window, click **Push And Install Packages on EDH**.

Figure 40: Selecting Clean Image

DME ASU ASU C	ommands EDH	Files Pl	atform Sup	pport Directo	yListing File Transfer Pinpad T	LS Raw XML Data
Connect to EDH Servi	es:					
Automated Software Upgrade (ASU)	Platform S (PSS	upport)	Bran Act	ding and tivation		
Transaction Status (TLS/FFDS)	Pinpa	d	File 1 Servi	Transfer ice (FTS)		
ASU Packages:						
Server package	Server status	EDH pac	ckage	EDH status		B (11)
	Installed	08.23.01	.01	Unknown		Hefresh List
2 11.02.23.01		08.XX.01	1.01J	Unknown	i i i i i i i i i i i i i i i i i i i	
? 11.02.23.01 ? 11.02.01J	Installed					

12 The ASU tab opens. EDH installation progress is shown on the ASU tab. Monitor the EDH installation progress in the Automated Software Upgrade (ASU) window.

Figure 41: EDH Installation	Progress Bar
-----------------------------	--------------

ASU ASU Commands EDH Files Platform Support D Passport Software Versio	irectoryListing File Transfer Pinpad TLS RawXMLData n Management Utility
Current action	Time : 00:02:55
Installing 08.23.01.01	
26% compl	lete
Current step	
Step #11 : Installing PIN Pad Drivers	

13 The EDH dashboard reboots.

Figure 42: EDH Dashboard Rebooting

ASU ASU Commands EDH Files Platform Support Passport Software Ver	DirectoryListing File Transfer Pinpad TLS Raw XML Data
Passport Software vers	sion management ounty
Current action	Time : 00:26:12
Installing 08.XX.01.01J	
95% cor	nplete
Current step	
Step #63 : Rebooting Restarting the system (Update process will c restarts.)	continue after the system

14 EDH dashboard begins loading the Passport Service/Maintenance Pack (if installed on the server).

ASU ASU Commands EDH Files Platform Support Direct Passport Software Version	toryListing File Transfer Pinpad TLS Raw XML Data Management Utility
Current action	Time : 00:35:00
Installing 08.XX.01.01JMP2	
0% complete	
Current step	
Step #1 : Attempting to disable all CRIND devices.	

Figure 43: Loading the Passport Service/Maintenance Pack

- **15** After successfully installing the Passport Service/Maintenance Packs, the EDH Dashboard will reboot the EDH.
- **16** After the reboot is successful, the final screen when ASU connects again opens (see Figure 44).

Figure 44: Screen after ASU Connects Again

Passport Software Version Ma	Listing File Transfer Pinpad TLS Raw XML Data anagement Utility
urrent action	Time : 00:41:31
100% complete	
he following versions have been successfully installer	d on this system: 08.23.01.01,

17 To complete for this process, go to Platform Support > Open and Connect PSS on EDH.

Figure 45: Selecting Open and Connect PSS on EDH

IOME ASU ASU Comma	nds EDH Files Platfo	orm Support Direc	toryListing File Transfe	er Pinpad TLS Raw X1	ML Data
Open and Connect PSS on EDH Brand/Activate EDH Collect Logs (zip up) RESTART Apps EDH START Apps on EDH STOP Apps on EDH	EDH App Version: EDH Image Version EDH Brand: Server Brand: CONI Server Active Networ (none) EDH Inactive Networ -InCommV2: -Auxiliary Networ -Uccal Accounts -Play at the Pum -Mobile Pay FDC -Conesxus Mobili	08.23.01.01J 40.8.25 CONCORD CORD orks: ks: orks: k- Network- P- e Network-		Print Audi Generate Au Clear Backup Update PIN Pa	iLog idit Log Mismatch id (RegId)

18 Once all buttons become active, ensure that the EDH Brand and Server Brand are showing the same information.

Figure	46:	Selecting	EDH	Brand
--------	-----	-----------	-----	-------

st Status 1. Scotted bland c	house make.	
OME ASU ASU Comma	nds EDH Files Platform Support DirectoryListing File T	ransfer Pinpad TLS Raw XML Data
Open and Connect PSS on EDH	EDH App Version: 08.23.01.01J EDH Image Version: 40.8.25 EDH Brand: CONCORD	
Brand/Activate EDH	Server Brand: CUNCURD Server Active Networks:	Print Audit Log
Collect Logs (zip up)	EDH Active Networks: (none) EDH Insection Naturation	Generate Audit Log
RESTART Apps EDH	-InCommV2- Aurilian Naturate	Class Packup Mirmatch
START Apps on EDH	-Local Accounts Network-	Ciear Backup Mismatch
STOP Apps on EDH	-Mobile Pay FDC-	Update PIN Pad (RegId)
REBOOT the EDH	-Lonexxus Mobile Network-	Register ID (0 for ALL)
Power Down the EDH		View PIN Pad Log

19 Close the EDH Dashboard. The programming is now complete.



IMPORTANT INFORMATION

The steps, found in "Appendix D: Customer Tablet Programming" on page 84 should be performed on the tablet prior to the installation of that device into the Passport Edge System. The items in "bold" are the recommend settings but these settings can be changed due to customer requirements. If Assistance is need during this process, the customer should contact Apple's initial setup support center at 1-800-MY-APPLE (800-692-7753). Note that the only IPad tablet currently support are Apple iPad 9.7 (5th and 6th Generation) and the iPad Pro 9.7 both equipment with 32GB and Wi-Fi.

Passport Client (Tablet)

To configure and set up the Passport Edge tablets [Cashier Workstation (CWS)], proceed as follows:

IMPORTANT INFORMATION

Configuration of the tablet(s) will require that the IP's schema be setup as part of that process. Please refer to the IP Schema information located at step 8 on page 45 for the information needed to accomplish that part of the configuration.

Configuring the Tablet

To configure the tablet prior to connecting to the Passport Edge Server, proceed as follows:

IMPORTANT INFORMATION

Prior to beginning the steps below, ensure that all physical connections for the tablet have been completed to ensure connectivity between the tablet and SZR. For additional information, refer to the passport edge enclosure training portion within the SABA Training.

- 1 Ensure that the tablet is on the latest version of software.
- 2 From the main screen, tap the **Setup** icon.

Figure 47: Selecting Setup Menu



3 Ensure that both the Wi-Fi and Bluetooth connections are disabled.

Figure 48: Ensuring Wi-Fi and Bluetooth Connections are Disabled



4 Tap Display & Brightness.

Figure 49: Selecting Display & Brightness



5 Set the screen brightness to about 75 percent.

Figure 50: Setting the Screen Brightness

BRIGHTNESS	
*	
Night Shift	Off
Auto-Lock	2 Minutes
Text Size	
Bold Text	\bigcirc

6 Set the Auto-Lock to Never.

Figure 51: Setting Auto Lock

Settings	Chaptay & Brightmess	Auto-Lock	
Printin Setting up Your IPeel 🤓			
	2 Minutes		
2 Arpiane Mode	6 Minutes		
WHI Writer-SM-G0500-44	10 16 10 100		
Ethernet	NO MILLIONS		
filetoch 0	.15 Minutes		
	Never		1
Notifications			
Control Center			
Do Not Disturb			
Coneral			
A Display & Brightness			

- 7 Connect the cable to the tablet for LAN connection.
- 8 From the Setting menu, select Ethernet > Apple USB Ethernet Adapter and configure the LAN connection using the information given in the following table.

a)		12:17 PM		6515
Settings		Ethernet	Apple USB Ethernet Adapter	
Finish Setting Up Your iPad	0	IPV4 ADDRESS		
	-	Configure IP		Automatic
> Airplane Mode		IP Address		10.5.48.9
🛜 Wi-Fi	Off	Subnet Mask		255.255.255.192
> Ethernet		Router		10.5.48.
3 Bluetooth	Off			
		Renew Lease		
Notifications		DNS		
Control Center		Configure DNS		Automatic
C Do Not Disturb		LITE BOOM		
		HILPPROKY		
General		Configure Proxy		Off

Figure 52: Configuring LAN Connection

Tablet Number	Main IP Address	Subnet Mask	Default Gateway
Tablet One	10.5.61.2	255.255.254.0	10.5.60.1
Tablet Two	10.5.61.3	255.255.254.0	10.5.60.1

9 From the Setting screen, select **Ethernet** > **Apple USB Ethernet Adapter** > **DNS SERVER** setting and then configure the DNS IP Address using the information in the table below:

Figure 53: Configuring LAN Connection

Pod	12:17 PM	65% 💷) +
Settings	Apple USB Ethernet Adapter Configure DNS	Save
Finish Setting Up Your iPad 🌒	Automatic	
Airplane Mode	Manual	~
🛜 Wi-Fi 🛛	DNS SERVERS	
Ethernet		
3 Bluetooth	Add Server	
500		

DNS Server	DNS IP Address
SZR (power by Acumera) locations	10.5.60.1
All other Managed Network Service providers	The DNS IP Address should be provided by the third-party Managed Network Service provider.



IMPORTANT INFORMATION

Before proceeding with the rest of the tablet configuration, the SZR must be installed and working. All the devices that are going to be connected to the SZR should be online (the minimum devices connected to the SZR are the Edge Sever and all tablet(s)). Once this is accomplished, contact Acumera at 1-512-687-7401 > Press option **1** or Gilbarco Help Desk at 1-800-743-7501 > Press option **3** > Press option **2** to register the equipment. This must be completed so that the Edge Sever and tablet(s) can communicate in order to proceed.

Configuring the Passport Edge Server

To configure the Passport Edge Server prior to connecting to the tablet, proceed as follows:

1 In Register Setup, enter the correct number of register(s).

Figure 54: Entering the Registers

	R	egister 0		Register Set Up
General Register Number	1	Asset Informatio	n	E Save
Machine Name	Tablet POS	Model Number		
Printer IP PIN Pad Type	None		Electronic Signature Forward Onbide Trans GVR Mat Reader Contactless	
Scanner Type	-		EM/ Copebla	

2 Enter the register(s) and the IP addresses for the receipt printer and PIN Pad.

Figure 55: Entering the Registers

	Regis	ster 1		Register Set Up
General		Asset Information		
Register Number	1	AssetID		Save
Machine Name	Tablet POS	Model Number		
Register Group	POSGroup1	Serial Number		Cancel
Printer IP	10.5.61.52		Electronic Signature	
PIN Pad Type	Verifone MX 915	-	E Forward Outside Trans	
Connection	TCP/IP	-	GVR Mat Reader	
IP Address	10.5.55.11		EMV Capable	
Scanner Type	COM Port Connection	-		
IP Address	TCP/IP 10.5.55.11 COM Part Connection		 ✓ Contactless ✓ EMV Capable 	

3 For each of the register(s), enter the COM port for the scanner.

Save
Save Cancel
Cancel
Cancel

Figure 56: Entering the Registers

4 Click Save to complete this part of the tablet configuration.

Configuring the Tablet(s) After Connecting and Registering onto the SZR

To configure the tablet(s) after connecting and registering onto the SZR, proceed as follows:

1 Using safari go to http://passportedge.com. Note: This is a non-SSL URL, so do not enter the port number as it is set to 80 by default.

Figure 57: Logging into Passport Edge



2 The screen with the links to the configured terminals opens with two links that are used to secure the tablet to the sever. The links are "root" and "intermediate".

Figure 58: Screen with the Links to Configured Terminals



3 Click **Root** to install the certification.

Figure 59: Clicking Root



4 Tap **Allow** to see the configuration profile.

Figure 60: Installing the Certificates - Screen 2

	Lana I
	Register 1
SSL	Certificates
	This website is trying to open Settings to show you a configuration profile. Do you want to allow this?
	Ignore Allow
	Root Intermediate

5 Tap **Install** to install the certification.

Figure 61: Installing the Certificates - Screen 1

Finish Setting Up Your iPad	Cancel	Install Profile	Install	
Airplane Mode	Gilba	rco TabletPOS Root CA		
😪 Wi-Fi	Signed by Oilbar	co TabletPOS Root CA erified		
Bluetooth	Contains Certif	icate		
Notifications				
Control Center				
Do Not Disturb				
🕑 General				
Display & Brightness			_	
Wallpaper				

6 Tap Install to install the certification.

Figure 62: Installing the Certificates - Screen 3



Figure 63: Installing the Certificates - Screen 4

Finish Setting Up Your iPad	Cancel	Warning	Install	
	UNMANAGED ROOT CI	ERTIFICATE		
Airplane Mode	Installing the certific	cate "Gilbarco TabletPOS Ro	ot CA" will add it to	
🕤 Wi-Fi	be trusted for webs	ites until you enable it in Cer	tificate Trust	
Ethernet	Settings.		_	
Bluetooth	UNVERIFIED PROFILE	9		
	The authenticity be verified.	Install Profile	innot	
Notifications		Cancel Install	the second se	
Control Center				
Do Not Disturb				
	1.1			
Display & Brightness	1.1			
Wallpaper	1.		- manager and the second se	

7 Tap Done to return to the main screen and install the next certification.

Figure 64: Installing the Certificates - Screen 5



8 Tap Intermediate and install the certification.

Figure 65: Clicking Intermediate

passportedge.com	c () + ()
Passport EDGE	-
4	
Register_1 SSL Certificates	
Root Intermediate	
	Passport EDGE

9 Tap **Install** to install the certification.

Figure 66: Installing the Certificates - Screen 1

inish Setting Up Your iPad	Cancel	Warning	Install
	UNMANAGED ROOT	CERTIFICATE	
Airplane Mode	Installing the cert	ificate "Gilbarco TabletPOS Roo	t CA" will add it to
🕤 Wi-Fi	be trusted for we	bsites until you enable it in Certi	ificate Trust
Ethernet	Settings.		
3 Bluetooth	UNVERIFIED PROFIL	£	
	The authenticity of be verified.	of "Gilbarco TabletPOS Root CA"	" cannot
Notifications			
Control Center			
Do Not Disturb			
Display & Brightness			
Wallpaper			

10 Tap **Allow** to see the configuration profile.

Figure 67: Installing the Certificates - Screen 2



11 Tap **Install** to install the certification.

Figure 68: Installing the Certificates - Screen 3



Figure 69: Installing the Certificates - Screen 4



12 Tap **Done** to return to the main screen and install next certification.



Finish Setting Up Your iPad	Profile Installed	Done	
Airplane Mode	Gilbarco TabletPOS Intermediate CA		
😨 Wi-Fi		1.00	
Ethernet	Signed by Gibarco TabletPOS Intermediate CA Venified 🗸		
8 Bluetooth	Contains Certificate		
	More Details	>	
Notifications			
Control Center			
Do Not Disturb			
G General			
Display & Brightness			
Wallpaper			

Figure 71: Installing the Certificates - Screen 4

×) Ш .	12219M passportedge.com	c	₫	+ 0
	Passport EDGE			
	4			
	Register.1 SSL Certificates			
	Root Intermediate			

- **13** Tap the home button and use the following steps to authorize the root certification to validate servers.
 - **a** Go to iPad settings applications.
 - **b** Tap **Settings** > **General** > **About** > **Certificate Trust Settings**. Enable the Certificate Trust Settings to allow the certificate to verify the servers.

Figure 72: Installing the Certificates

0	General		
AA	Display & Brightness	Legal	>
۲	Wallpaper		
	Sounds	Certificate Trust Settings	>

Figure 73: Enabling the Gilbarco TabletPOS Root CA

Finish Setting Up Your iPad	0 >	Trust Store Version	2018040200
Airplane Mode		ENABLE FULL TRUST FOR ROOT CERTIFICATES	
Wi-Fi	Off	Gilbarco TabletPOS Root CA	

c Tap Continue to activate the certificates.

Figure 74: Root Certificate

man second of roam and	•	Trust Store Version	2018040200
Airplane Mode		ENABLE FULL TRUST FOR ROOT CERTIFICATES	
Wi-Fi	Off	Gilbarco TabletPOS Root CA	
Ethernet		Learn more about trusted certificates	
Bluetooth	Off	Root Certificate Warning: enabling this certificate for websites will allow third parties to view	
Notifications		any private data sent to websites.	
Control Center		Cancel Continue	
Do Not Disturb			

d The following screen indicates that the certificates are activated.

Figure 75: Activated Certificate

Finish Setting Up Your iPad	0 >	Trust Store Version	2018040200
Airplane Mode		ENABLE FULL TRUST FOR ROOT CERTIFICATES	
Wi-Fi	Off	Gilbarco TabletPOS Root CA	0
-		Learn more about trusted certificates	

14 Using Safari, enter https://passportedge.com:7501. The tablet is unauthorized and needs a device key to pair it with the Passport Edge Server. Use https://passportedge.com:7502 for second Tablet Workstation. Note: HTTPS must be used.

Figure 76: Pairing the Tablet with the Passport Edge Server



15 To obtain that device key, click **I don't care, show me my device Key**.

Figure 77: Obtaining the Device Key

iPad	12:22 PM				6% 💷) 🔹
< > 🕮	passportedge.com	C	₫	+	ð
	Unauthorized access				
	Register Number: 1				
	It would look like you are running from a web browser. This app is designed to run as standalone application. Please add the application to the Home Screen.	(
	I don't care, show me my Device Key				
	Request view - Retry				

16 Note the device key displayed on the screen.

Figure 78: Noting the Device key



17 In the register setup to authorize the tablet for use, enter the device key as shown in Figure 79. *Note: Device Key used in this figure is an example and not the device key used for pairing the tablet.*

	Regi	ster 0	
General		Asset Information	
Register Number	110548	Asset ID	
Machine Name	Tablet POS 🔹	Model Number	
Register Group	POSGroup1	Serial Number	
Device Configuration	on		
Printer IP	10.5.48.8		Electronic Signature
PIN Pad Type	Verifone MX 915	•	Forward Outside Trans
Connection	TCP/IP	•	GVR Mat Reader
IP Address	10.5.55.11		EMV Capable
Scanner Type	COM Port Connection	-	

Figure 79: Entering the Device key

18 Once the tablet is authorized, the following login screen opens. To add the new software icon to the Home page, tap the "pin" icon on the top of the page.

Figure 80: PIN to Homepage



19 Once you have selected the "pin" icon, a list of places where you can add this new feature to is displayed. Select **Add to Home Page**.

Pad		12:26 PM				68% 💷) +
< > m		passportedge.co	om	(: 0	+ 🗇
	-	Ī		irGrop. Tap to turn Ith AirDrop.	on Wi-Fi and Bi	uetooth to share
		User ID			-	
	1	2	a Mail	Reminders 4	add to Notes	Save FOF to illooks
	4	5	1 00	AA	*	
	7	8	Add to Reading A	idd Bookmark Ad	ld to Favorites	Capy
	×	0	~	T		
				1		

Figure 81: Adding Home Page

20 Once you have selected the **Add to Home Screen** icon, the **EDGE** icon is displayed. Tap the **Add** icon to assign that icon to the Home Page.



Figure 82: Assigning EDGE icon to Home Page

21 Press the **Home** button, then move the **EDGE** icon to the selection bar.

Figure 83: Moving EDGE icon to Selection Bar



22 Once the tablet has been fully authorized, tap the **EDGE** icon and you should see the following sign on screen.

4		User ID		4	
	1	2	3		
1-	4	5	6	1 Par	
	7	8	9		
	×	0	~		

Figure 84: Screen After Full Authorization

Configuring Passport Receipt Printer

To configure and setup the Passport Edge Receipt Printer, proceed as follows:

Note: Refer to "Appendix A: Epson TM-M30 Programming" on page 74 if this method doesn't work.

IMPORTANT INFORMATION

Receipt printer(s) are configured to 10.5.61.52 before it leaves the factory. The following steps are used to change that setting to 10.5.61.53, so that the printer can be used for a second CWS.

Note: Before beginning the configuration, ensure that you have administrator right on the laptop/PC that you will be using.

- 1 Power up the printer while holding down the "paper feed" button.
- 2 When the "blue light" flashes five times, release the "paper feed" button.
- **3** The Epson Ethernet[®] printer will print out the setup information (see Figure 85). If the printout is different than the one shown in the example, then use one of the two methods found in "Appendix A: Epson TM-M30 Programming" on page 74 to program the printer correctly. *Note: This is an example of the IP printout. Details may vary.*

Figure 85: Printing the IP Address

IP Address	: 10.5.48.8
SubnetMask	: 255.255.255.192
Gateway	: 10.5.48.1
DHCP	: Enable

- **4** Ensure that the Epson Ethernet printer is plugged into the laptop PC using a standard CAT5 cable.
- **5** Configure your laptop with the following settings in the networking section of the laptop: *Note: The following example includes typical Epson Printer Default settings.*

The default IP address settings are listed in the following table:

Main IP Address	Subnet Mask	Default Gateway
192.168.192.168	255.255.255.0	0.0.0.0

- 6 Ensure that you can "ping" the Epson Printer using the IP information off of the printout provided earlier.
- 7 Enter the IP address that the printer printed in the address bar of your laptop and click the search button.

Figure 86: Entering the IP Address

There is a problem with this website's security certificate. The security certificate presented by this website was issued for a different website's address. The security certificate presented by this website was not issued by a trusted certificate authority. Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server. We recommend that you close this webpage and do not continue to this website. Click here to close this webpage. Continue to this website (not recommended). More information	6 https://10.5.48.8/	오코 😔 🥔 Certificate Error: Navigation ×	
The security certificate presented by this website was issued for a different website's address. The security certificate presented by this website was not issued by a trusted certificate authority. Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server. We recommend that you close this webpage and do not continue to this website. Cick here to close this webpage. Continue to this website (not recommended). More information	There is a problem with this websit	ite's security certificate.	
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Continue to this website (not recommended). Other More information	Ø Click here to close this webpage.		
More information	Continue to this website (not recomme	ended).	
	More information		

8 Click Continue to this web site (not recommend) to open the following pop-up window (see Figure 87).

Figure 87: Windows Security

Contract to this website (not)	ation Blocked - Internet Explorer		
There is a problem with this website's security certificate. The security certificate presented by this website was not issued for a different website's address. The security certificate presented by this website was not issued by a trusted certificate authority. Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server. We recommend that you close to the website of the server 105.410 is safe for you use name and password. The server to the server is 5.410 is safe for you use name and password. The server is 5.410 is safe for you use name and password is safe for y	.5.48.8/	P ▼ X C Waiting for 10.5.48.8	×
The security certificate presented by this website was not issued for a different website's address. The security certificate presented by this website was not issued by a trusted certificate authority. Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server. We recommend that you close t (Windows Security) Citick here to close this webpace Citick here to close this webpace Continue to this website (note More information) More information (Interception of the server Distance of the serv	a problem with this website's	security certificate.	
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We recommend that you close ((Windows Security) X) Image: Click here to close this webpace The server 10.5 440 is safety for you use name and password. The server passed that is from by assword. Image: Click here to this webste (not recommend) Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend) Image: Click here information Image: Click here to this webste (not recommend)	rtificate problems may indicate an	ttempt to fool you or intercept any data you ser	nd to the
Click here to close this webpace Continue to this website (not r) More information User name Partnerd Remetber my credented OK Cancel	mend that you close t Windows Se	urity	×
Continue to this website (not r Image: Second sec	re to close this webpag The server reports the	J.5.48.8 is asking for your user name and password. The serve it is from ByPassword.	er
More information Hore name Password Ramember my credentab OK Cented	e to this website (not r		
	information	User name Password If Remember my credentials	
		OK Cancel	

9 Enter the User name as **epson** and Password as **epson** and then click **OK**. *Note: The username and password fields are case-sensitive.*

Figure 88: Entering User Name and Password

There is a problem with this website's security certificate. The security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority.	There is a problem with this website's security certificate. The security certificate presented by this website was not issued by a trusted certificate authority. Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server. We recommend that you close t Wick here to close this website Continue to this website (not) Wore information Wore information	 There is a problem with this website's security certificate. The security certificate presented by this website was not issued by a trusted certificate authority. Becurity certificate problems may indicate an attempt to fool you or intercept any data you send to the server. We recommend that you clear this website Continue to this website (not) More information 	Attps://10.5.48.8/	P ★ ③ Walting for 10.5.48.8 ×	1
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We recommend that you close t Windows Security X © Click here to close this webpare The server to 15 46.8 is subject your user name and password. The server reports that is a from byPassword. The server reports that is a from byPassword. © Continue to this website (not reports that is a from byPassword. The server reports that is a from byPassword. The server reports that is a from byPassword. • More information • More information • Cancel	We recommend that you close t Windows Security X Click here to close this webpar The same to 5.4.8.8 is subject your user name and password. The server reports that it is from byfassword. Continue to this website (not reports that it is from byfassword). The server reports that it is from byfassword. More information Expression of the server reports that it is from byfassword.	Wrideer Security X Click here to close this webpar The error 10.5-8.0 is subs for your user name and password. The server reports that is if from byfassword. More information The grant to find	Security certificate problems may in server.	dicate an attempt to fool you or intercept any data you send to the	
 Click here to close this webpace Continue to this website (not not server records that is from 6/server. More information (e) More information (e) Cancel 	 Click here to close this webpace Continue to this website (not records that is from Bysesword). More information Figure 10.5 #0.8 is adding for your user name and pussword. The server records that is from Bysesword. More information 	 Click here to close this webpic Continue to this website (not More information More information 	We recommend that you close t	Vindows Security	
			 Click here to close this webpag Continue to this website (not n More information 	The server 10.5-80 is asking for your user name and password. The server reports that is is from Bylangerord.	

10 Select and expand **Network Interface** > **TCP/IP** > **Basic Information** tab.

Figure 89: Network Interface - Basic Information

EpsonNet Config Rev.1.0 - Internet	Explorer	EpsonNet Config Rev.1.0 ×	_ ₽× ☆ \$3
EpsonNet Config		EP	SON
Home Help Information Network	About Information - Network Basic Information		?
Basic Information TCP/IP SNMP Bonjour Time Setting	Administrator Name Location		
Timeout ePOS-Print	MAC Address Software Version	64:EB:8C:FF:F2:99	7
Configuration Network	Model Name	TM-m30	
Ethernet Wireless Security	Printer Status	Online	
SSL/ILS Authentication Certificate List		Refresh	
Certificate Import TCP/IP SNMP Bonjour Time Setting Timeout ePOS-Print			
Optional Administrator Information Reset Password			

11 Program one of the two IP Addresses found in the following form into the correct sections of the Epson TCP/IP programming screen.

Note: The IP address used will/should reflect what CWS it is tied two. Ensure that the acquired IP address is set to manual and all other settings are set as shown in Figure 90.



Figure 90: Network Configuration

Receipt Printer Number	Main IP Address	Subnet Mask	Default Gateway
Receipt Printer One	10.5.61.52	255.255.254.0	10.5.60.1
Receipt Printer Two	10.5.61.53	255.255.254.0	10.5.60.1

12 Once the IP Address information is entered, click **Send**. Press **Reset** once it is displayed on screen.

VeriFone MX915 PIN Pad

IMPORTANT INFORMATION

Configuration of the MX915 PIN pad(s) requires that the IP's schema be setup as part of that process. For more information to complete this part of the configuration, refer to the IP Schema information provided in the table.

The Passport Edge system uses the VeriFone MX915 PIN Pad (P/N varies based on the network). Refer to *MDE-5213 VeriFone MX915 PIN Pad Kit Installation Instructions* to correctly configure the PIN pads to the IP schema shown in the following table:

PIN Pad Number	Main IP Address	Subnet Mask	Default Gateway
PIN Pad One	10.5.55.11	255.255.255.0	10.5.55.1
PIN Pad Two	10.5.55.12	255.255.255.0	10.5.55.1

Passport Customer Display

To configure and set up the Passport customer display, proceed as follows:

Note: Ensure that you have administrator right on the laptop/PC that you will be using.

- 1 Connect the Serial to IP Adapter device via a LAN cable to the Ethernet port of the laptop.
- **2** Apply AC power to the adapter device.
- 3 On the laptop/PC, go to Network Settings and right-click Local Area Connection.
- 4 Click **Properties** and the Local Area Connection Properties dialog-box opens.
- 5 Select Internet Protocol Version 4(TCP/IPv4) and click Properties (see Figure 91).

Figure 91: Local Area Connection Properties Dialog Box

Connect using:				
Participation Intel(R) Ethernet C	onnection (2) I219-LM			
		Configura		
This connection uses the	following items:	Zoundrie		
This connection uses the	ronowing wina.			
Client for Microso	ft Networks			
VirtualBox NDIS6	Bridged Networking D	nver		
Cos Packet Sche	eduler			
merine and Printer Sharing for Microsoft Networks				
Enclayer Topol	ogy Discovery Mapper	nyo Dirver		
es - Enceayer ropor	ogy Discovery respon	ruei		
lostall	Uninstall	Properties		
Description		N		
	Desta and Detained Desta	ol. The default wide		
Transmission Control	Protocovinternet Protoc			
Transmission Control	that provides communi	cation across		
Transmission Control area network protocol diverse interconnected	that provides communi d networks.	cation across		

The Internet Protocol Version 4 (TCP/IPv4) dialog box opens (see Figure 92).

Note: Record your current settings in this screen, so that after configuring the IP to Serial Adapter, you can return your laptop to original settings.

6 Configure the laptop/PC with the following IP settings (see Figure 92).

Figure 92: Internet Protocol Version 4 (TCP/IPv4) Dialog Box

automatically if your network se, you need to ask your network e IP settings.
natically
\$5
192.168.0.1
255 . 255 . 255 . 0
automatically
ver addresses
t Advanced

Field	Description
IP address	192.168.0.1
Subnet mask	255.255.255.0
Default gateway	N/A

7 On the laptop/PC, open Internet Explorer[®] or Google[™] Chrome and enter 192.168.0.7 in the address bar.

Figure 93: Entering Address

4)))	0	92.168.0.7			₽ • →
File	Edit	View	Favorites	Tools	Help	

8 When prompted for a User name and Password, enter "admin" in both the fields. *Note: User name and password are both in lower case.*

	Windows Security
iexplore	
The server 19 server report	2.168.0.7 is asking for your user name and password. The s that it is from USR-TCP232-306.
Warning: You authenticatio	ur user name and password will be sent using basic on on a connection that isn't secure.
ovorenocoo	
	User name
М	Password
	Remember my credentials
	OK Cancel

Figure 94: Entering Username and Password

On login, the following screen opens.

9 Click Serial Port.

Figure 95: Clicking Serial Port



10 Enter the information provided in the table and click **Save**.

USR Be Honest, Do Best! 10T Experts Help Baud Rate : 9600 bps • HTTPD URL : Module add GET/POST and HTTP/1.1 in UR Data Size : 8 * bit Parity: None * Stop Bits : 1 + bit Local Port Number: 10002 (0~65535) HTTPD Packet Port Number : 10002 (1~65535) Work Mode : TCP Server * e Server Addr : [192.168.0.201 [192.168.0.201] RESET : UNK: 🗵 INDEX: Similar RFC2217 : 👿 Save Cancel

Field	Description
Baud rate	9600
Data Size	8 bits
Parity	None
Stop Bits	1 bit
Local Port Number	10002
Remote Port Number	10002
Work Mode	TCP Server
Remote Server Address	192.168.0.201
RESET	Cleared
LINK	Selected
INDEX	Cleared
Similar RFC2217	Selected

Figure 96: Serial Port Parameters

11 When the prompt to restart the module is displayed, click **Restart Module** and then click **OK** to make the changes active.

Figure 97: Making Changes Active

Restart Module		Restart Mod
	Marcana fee	es aucher see
	Message fro	m webpage
This	will Restart the mo	dule,are you sure to do th

12 Select Local IP Config and the screen as shown in figure Figure 98 opens.

Figure 98: Local IP Config Screen

Current Status	Of Experts-	Heb
Local IP Config	P type : Static IP +	
Serial Port	Static IP : 10 . 28 . 75 . 4	9 StaticP or DHCP
Expand Function	Submask : 255 - 255 - 255 - 1	 StaticIP: Module's static in
Nec Config	Gateway: 10 - 28 - 75 - 1	+ Submask:
keboot	DNS Server: 0 - 0 - 0	usually 255.255.255.0
	Save Cancel	Gateway: Unusally router's ig address ONSS 101 DNSS optimized by DNSS optimi

13 Program one of the two IP addresses listed in the table. *Note: The IP used will/should reflect the CWS it is connected to.*

Customer Display Number	Main IP Address	Subnet Mask	Default Gateway
Customer Display one	10.5.61.102	255.255.254.0	10.5.60.1
Customer Display two	10.5.61.103	255.255.254.0	10.5.60.1

14 After configuring all the settings correctly, select Save.

19 type : Static Static 19 : 10	ре IP • . 28	rameter		Help
IP type : Static Static IP : 10	IP •			
Static IP: 10	. 28			+ IP type:
		. 75 .	49	StaticIP or DHCP
Submask: 255	. 255	- 255 -	128	 StaticIP: Module's static ip
Gateway: 10	- 28	. 75 .	1	• Submask:
DNS Server: 0	. 0	- 0 -	0	usually 255.255.255.0
	Save	Cancel		 Gateway: Usually router's ip address DHS IP: DHS gateway or Router's IP
	DNS Server : 0	DNS Server : 0 - 0	DNS Server: 0 · 0 · 0 · 0 · 0	DNS Server : 0 - 0 - 0 Save Cancel

Figure 99: Saving Configuration

15 When the prompt to restart the module is displayed, click **Restart Module** and then click **OK** to make the changes active.

Figure 100: Making Changes Active

	REDOC
Restart Module	Restart Module
M	tessane from webmane
M	essage from webpage
? This will R	estart the module are you sure to do this?

- **16** Connect the customer display to the Serial to IP Adapter and then connect the Serial to IP Adapter to the SZR using the template that was selected from page 7 through page 12.
- 17 Once connected, contact Acumera at 1-512-687-7401 and press option 1 or contact Gilbarco TAC at 1-800-743-7501. Select option 3 then option 2 to ensure that the customer display device(s) is/are registered within the SZR.

18 Go to Setup > Register > Register Setup to program the MWS using the correct IP address for each of the customer displays to the correct register positions.

23 2 4 L	Reg	ister 0		
General Register Number Machine Name Register Group	Tablet POS P POSGroup1	Asset Information Asset ID Model Number Seriel Number		X
Device Configuratio	on			
Printer IP	10.5.61.52		Electronic Signature	
PIN Pad Type	Verifone MX 915	•	E Forward Outside Trans	
Connection	TCP/IP		Contections	
IP Address	10.5.55.11	-	F EMV Capable	
Scenner Type	COM Port Connection	•		
Scenner COM Port	1			
Line Display IP	10.5.61.102			
Denice Key		Sunda and		

Figure 101: Example of the Register Setup Screen

- **19** After configuring the registers, on the MWS, click **Save** and exit the Register setup screen.
- 20 To configure message that is displayed on the MWS, go to Setup > Register > Register Group Maintenance.

Figure 102: Programming Display Message

1013 AM 10/26/2014	IMACO 15-Aves Manager IDER-ROOT	Store Name	A NEW CIT	(inter-
Frequently Used	Department Key Maintener	rft. Register Group Maintenance	<u>*</u>	Synchroniae Tame
Reports Pricing				

21 Select the appropriate Register Group and click **Change**.

Figure 103: Register Group Maintenance Screen

	0
Register Group Hantenance	1 · · · ·

22 Select the Customer Display tab to program in the customer display message. Note: If the customer would like the idle message to scroll, select the check box Message on the customer display should scroll during idle times.

Figure 104: Customer Display Message



23 Click Update Display to display your message. If no additional changes are needed, then click Save.



Figure 105: Updating Display

24 If displays does not auto-update the message, try stopping and restarting the MWS and each register.

The customer display should display current date and time, along with the message that was programmed in, when in an idle state.

Xenon 1900 Scanner

The Passport Edge system uses the Xenon 1900 2D Scanner (PA02710513). The Xenon 1900 connects to either COM 1 or COM 2 ports on the Passport Edge Server using either a dongle or a CAT5 cable with a Q13180-63 gender adapter. Programming of the Xenon scanner is completed by using *MDE-4956 Honeywell® Xenon 1900 Scanner Setup/Service Instructions* with the settings required to meet the site's needs (age verification, QR codes, etc.) as well as those required by the site's backoffice provider.

Passport Report Printer

Configuration and setup of the Passport Edge Brother Report Printer is completed by following the steps provided in the printer documentation located in the printer's shipping carton.

Secure Zone Router

For more information on the configuration and setup of the Passport Edge SZR, refer to MDE-5382 Secure Zone Router (Acumera) Installation Instructions. Note: The configuration and setup must be completed at least three working days prior to the installation of the Passport Edge into the customer's location.

Passport Edge Installation

Introduction to the Passport Edge

This section of the manual provides installation instructions for installing the Passport PX65 Passport EDGE Server (PA0324PS65) along with the different devices that are connected to it to form the Passport EDGE System.

Performing Installation Checks

IMPORTANT INFORMATION

Review and complete following steps prior to starting the installation.

- □ Ensure that all the requirements for pre-activation of the SZR is completed.
- □ Confirm that you have all the necessary hardware for the installation (including the iPad's lighting cable, Ethernet connector and camera/power splitter).



- □ Confirm that all installation issue(s) that were identified in the Site Survey have been addressed. i.e. install additional LAN cabling, etc.
- □ Connect to the site's perimeter ISP device (using the same method that was used during the site survey) with your laptop to ensure that you can connect to www.acuvigil.acumera.net.
- □ Verify with the network administrator or Internet provider that the Perimeter ISP Device setting(s) is correctly set.
- □ Confirm that all site devices are currently working correctly before beginning installation of Passport Edge/SZR.
- □ Gather serial numbers for the Passport Edge System and SZR and record them in the site survey form for the site. This will be used later to register them with Gilbarco for warranty purposes.
- □ Confirm the installation location of the SZR and NETGEAR switch(s) with the site owner/manager as discussed during the Site Survey.
- Confirm with site's IT person or manager that they will be able to change the IP address of their back office PC, IP-based cameras and/or Loyalty PC devices to communicate via their merchant network. For more information, refer to "Performing a Site Survey" on page 5.
IMPORTANT INFORMATION

Prior to the SZR, devices used the DMZ connection to connect to the RV042. In the SZR architecture, the STATIC IP assigned to certain third-party devices must be reassigned to the subnet which is assigned from the merchant network (BOS device, security camera, IP printer, etc.). Only Impulse and Applause Servers will remain on the 10.5.60.x subnet. Further, third-party devices with Dual Network Interface Card (NIC) connectivity should be evaluated during survey to determine if the second NIC is required or, if connectivity to the POS and outbound from the device may be facilitated by the Acumera MG.

- □ For more information on converting a site that currently has competitive POS hardware, refer to Figure "Appendix F: Converting Site from a Non-Gilbarco POS to a Passport Edge POS" on page 96.
- □ For more information on converting a site that currently has PX52/PX60 hardware, refer to "Appendix E: Moving a Snapshot Backup from the PX52/PX60 System" on page 85.
- □ Obtain the new IP addresses for each of the devices, that were on the DMZ port of the RV042 and provide that information to the Gilbarco Agent during the registration process for communication.
- □ Install the Passport Edge equipment in the location(s) that were agreed on during the site survey.
- □ Confirm IP addresses for the different Gilbarco LAN Devices [Applause, Impulse, CRINDS, Back Room Communication Module (BRCM), BRCM2, etc.] are set to the IP Addresses needed for communication to the SZR.
- □ Contact contact Acumera at 1-512-687-7401 or Gilbarco at 1-800-743-7501 > Press option $\mathbf{3}$ > Press option $\mathbf{2}$) to register all the equipments connected to the SZR and any required IP Addresses for third-party providers.
- □ For more information on InSite360[™], refer to steps in "Appendix C" in MDE-7171 Insite360 Passport Configuration and Troubleshooting Manual for Passport V10 and Later.
- □ For more information, refer to steps in "Appendix B" in MDE-5157 Gilbarco Deployment Service (GDS) Start-up and Service Manual.
- Notify that the IT/Owner is aware if the perimeter firewall device is ever changed or updated that Gilbarco (1-800-800-7498) must be contacted prior to the change.
 Note: If Gilbarco is not inform of this change or update, the site will encounter partial network communication lost or functionality.

Appendix A: Epson TM-M30 Programming

To complete the configuration and setup of the Passport Edge Receipt Printer, proceed as follows:

IMPORTANT INFORMATION

Configuration of the receipt printer(s) requires IP's schema to be setup as a part of that process. For more information to complete this part of the configuration, refer to the IP Schema information in step 5.

Note: Before beginning the configuration, ensure that you have administrator right on the laptop/PC that you will be using.

- 1 Ensure that the Epson Ethernet printer is plugged into the laptop PC using a standard CAT5 cable.
- **2** Power up the printer once connected to the Laptop and in a minutes the following IP will appear (see Figure 106).

Note: This is an example of the IP printout. Details may vary.

Figure 106: Printing the IP Address

IP Address SubnetMask Gateway DHCP	: 10.5.48.8 : 255.255.255.192 : 10.5.48.1
	; chapie

The default IP address settings are listed in the following table:

Main IP Address	Subnet Mask	Default Gateway
192.168.192.168	255.255.255.0	0.0.0.0

3 Enter the IP address that the printer printed (see Figure 106) in the address bar of your laptop and click the search button.

Figure 107: Entering the IP Address

Https://10.5.48.8/	Det 🖅 🏉 Certificate Error: Navigation 🗙	ŵ
There is a problem with this v	vebsite's security certificate.	
The security certificate presented by The security certificate presented by	r this website was issued for a different website's address. r this website was not issued by a trusted certificate authority.	
Security certificate problems may in server.	dicate an attempt to fool you or intercept any data you send to the	
We recommend that you close thi	is webpage and do not continue to this website.	
Click here to close this webpage.		
Scontinue to this website (not rec	ommended).	
 More information 		

4 Click Continue to this web site (not recommend) to open the following pop-up window (see Figure 108).

Figure 108: Windows Security



5 Enter the User name as **epson** and Password as **epson** and then click **OK**. *Note: The user name and password section is case-sensitive.*

There is a problem with this website's security certificate. The security certificate presented by this website was not issued by a trusted certificate authority. Security certificate presented by this website was not issued by a trusted certificate authority. Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server. We recommend that you clear Click here to close this website (not Continue to this website (not More information More information)	P × び Waiting for 10.5.48.8 ×	G
The security certificate presented by this website was not issued for a different website's address. The security certificate problems may indicate an attempt to fool you or intercept any data you send to the server. We recommend that you close t © Cick here to close this webpar © Continue to this webpar © More information Where information We recommend this webpar (provide the server) (provide this webpar) (provide this	There is a problem with th	is website's security certificate.	
Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server. We recommend that you close t Click here to close this webpage Continue to this website (not r) More information	The security certificate presente The security certificate presente	d by this website was issued for a different website's address. d by this website was not issued by a trusted certificate authority.	
We recommend that you close t Windows Security X Image: Click here to close this webpaic The server 10.5 46.0 is skipp for your user name and password. The server reports that it is for by Password. Continue to this webpaic (not right in the server reports that it is for by Password. The server reports that it is for by Password. More information epsion epsion Image: Click here to close this webpaic OK Cancel OK	Security certificate problems ma server.	y indicate an attempt to fool you or intercept any data you send to the	
 Click here to close this webpace Continue to this website (not rise) More information report that it is from (hypersonal) report that it is from (hypersona) report that it is from (hypersona) <li< td=""><td>We recommend that you close</td><td>t Windows Security</td><td></td></li<>	We recommend that you close	t Windows Security	
Continue to this website (not n More information	Click here to close this webp	ag The server 10.5.48.8 is asking for your user name and password. The server reports that it is from ByPassword.	
More information fepson rementer my credentals Cancel	Scontinue to this website (not	in	
	More information	epion Remember my credentals OK Cancel	

Figure 109: Entering User Name and Password

6 Select and expand Network Interface > TCP/IP > Basic Information tab.

Figure 110: Network Interface - Basic Information

EpsonNet Config Rev.1.0 - Internet	Explorer	Freeniket Confin Day 1.0 X	X
EpsonNet Config			EPSON
Home Help	About		
Information Network	Information - Network Basic Information		2
Basic Information TCP/IP SNMP Bonjour Time Setting	Administrator Name Location		
Timeout ePOS-Print	MAC Address	64:EB:8C:FF:F2:99	
Configuration	Software Version Model Name	01.20 TM-m30	
Network			
Ethernet Wireless	Printer Status	Online	
Security <u>SSL/TLS</u> Authentication <u>Certificate List</u> Certificate List		Refresh	
CP/IP SNMP Boniour			
Time Setting Timeout ePOS-Print			
Optional			
Administrator Information Reset Password			

- 7 Program one of the two IP Addresses found in the following form into the correct sections of the Epson TCP/IP programming screen.
 - Note: The IP address used will/should reflect what CWS it is tied two. Ensure that the acquired IP address is set to manual and all other settings are set as shown in Figure 111.

EpsonNet Config Rev.1.0 - Internet	Explorer P 💌 😵 Certifica 🍫 🔗 Ep	sonNet Config Rev.1.0 ×	×
EpsonNet Config			EPSON
Home Help	About		
Information Network	Configuration - Network TCP/IP - IPv4 Address		?
Basic Information TCP/IP SNMP	IP Address Settings		
Bonjour Time Setting	Acquiring the IP Address	Manual 🗸	
Timeout	IP Address	10.5.61.52	
ePOS-Print	Subnet Mask	255.255.254.0 ×	
Configuration	Default Gateway	10.5.60.1	
Network			
Ethernet Wireless	Set Using Automatic Private IP Addressing (APIPA)	Disable	
Security <u>SSL/TLS</u> Authentication	Set IP Address Using ARP + Ping	Disable	
Certificate List			
Certificate Import TCP/IP	IP Address Printing	Enable 🗸	
IPv4 Address DNS/DDNS SNMP Bonjour Time Setting		Send	

Figure 111: Network Configuration

Receipt Printer Number	Main IP Address	Subnet Mask	Default Gateway
Receipt Printer One	10.5.61.52	255.255.254.0	10.5.60.1
Receipt Printer Two	10.5.61.53	255.255.254.0	10.5.60.1

8 Once the IP Address information is entered, click **Send**. Press **Reset** once it is displayed on screen.

IMPORTANT INFORMATION

Configuration of the Receipt Printer(s) is done using a routing device with the EpsonNet Configuration Tool loaded onto a laptop PC.

To configure the receipt printer using a routing device with the EpsonNet Configuration Tool, proceed as follows:

- 1 Ensure that the EpsonNet Config Tool is downloaded on your laptop. *Note: This tool can be downloaded from Epson's support web page.*
- 2 Ensure that the Epson Ethernet printer is plugged into the network that can provide IP address (DHCP should be turned on) and is turned ON.
- 3 Configure your laptop to work within the network and ensure that you can "ping" the router.
- **4** The Epson Ethernet printer should have an IP address from the network and it should be printed.

5 Enter the IP address in the address bar and click the search button. The following screen opens (see Figure 112).

 Network Interface 	Method for Specifying IP Address				
Basic	O Automatic	Ma	nual		
	Set using Automatic Private IP Add	dressing (APIPA)			
- Password	IP Address Setting				
Default Settings	IP Address:	192	. 168	. 100	. 121
	Subnet Mask:	255	. 255	. 255	. 0
	Default Gateway:	192	. 168	. 100	. 1

Figure 112: Configuring Epson Ethernet Printer

6 Select and expand Network Interface > TCP/IP > highlight the Basic tab.

Figure 113: Expanding Network Interface

- Network Interface	Method for Specifying IP Address				
 Information Basic 	() Automatic	() Ma	inual		
- TCP/IP Basic Administrator Settings	Set using Automatic Private IP Add	dressing (APIPA)			
Password	IP Address Setting				
Default Settings	IP Address:	192	. 168	. 100	. 121
	Subnet Mask:	255	. 255	. 255	. 0
	Default Gateway:	192	. 168	. 100	. 1

Appendix B: GDS Programming

Configuring GDS

To configure GDS, proceed as follows:

1 Access the GDS Configuration Application [Central Deployment (GDS)] through Image Control Panel.

Note: Passport Image Control Panel may vary by version.

	Passport Imag	e Control Panel		
Machine Name: POSS Current User: Passpo FimeZone:Eastern Sta	SERVER01 rtTech andard Time	Passport Version: 10.00.23.01 Image Version: 40.9.01 Brand:EXXON		
System Recovery	Select Time Zone	Rename CWS Client	Install Report Printer	
Install APC Software Windows Explorer	Brand Selection	Process Explorer	SQL Server Management Studio SQL Query	
	Install Passport Application Software	Secure Erase Files		
Windows Control Panel	Administrative Command Prompt	Directory Size Viewer	EDH Dashboard	
Internet Explorer (10.5.48.1)	Central Peployment (GDS)	View Health Check Report	Add FTP User	
Edgeport Config	Approved Launcher	EDH Diagnostics	Administrative Computer Mgmt	

Figure 114: Accessing GDS Configuration Application

IMPORTANT INFORMATION	
Do not change the central server IP address.	
Do not change the central server IP address.	

Figure 115: Central Server IP Address

Central Server:	64.90.126.115		Save Values	🗖 Enabled	
Token			State	us Unknown	
HeartBeat (min)	240		5100		
Last Successfull	Transmission:				
Send Hea	rtbeat	Look Up Store I	d		
		Register Store I	d		

- 2 Contact Gilbarco Help Desk at 1-800-800-7498 to retrieve the GVR ID.
- **3** Enter the GVR ID and click **Look Up Store Id**.

Figure 116: Passport Central Deployment

Central Server: Store GVR Id #	64.90.126.115		Save Values	🗖 Enabled	
Token HeartBeat (min)	240		Sta	I itus Unknown	
Send Hea	itbeat	Look Up Store I	d		
	_	Register Store I			

IMPORTANT INFORMATION				
The following error message is displayed if the GVR ID is entered incorrectly.				
Gilbarco Deployment Service 🛛 🗙				
Had an error: Store Id not found : 1				
The following error message is displayed when the network connectivity from the MWS through the SZR to the GDS Server is not established.				
Gilbarco Deployment Service				
Had an error: The underlying connection was closed: Could not establish trust relationship for the SSL/TLS secure channel. : $_$				

- 4 Figure 117 represents a successful register. Select the Enabled check box and then select Register Store Id.
 - Note: The information about store is on the right, and the Register Store ID button is also enabled if the store has not been previously registered. If the store is registered and there is a problem, then contact Gilbarco Technical Assistance Center (TAC) to have the registration flag reset.

Figure 117	: Passport	Central De	ployment - 1

Passport Central Deployment General Version Info Server Alert Cfg	/Diag Payload Install St	atus 🛛 Available Packages 🗍
Central Server: 64.90.126.115 Store GVR Id # 180652	Save Values	
Token HeartBeat (min) 240 Last Successfull Transmission: 03/25/ Send Heartbeat	2014 1:08 PM .ook Up Store Id	GVR SMS #: 180652 Store #: TEST Name : TEST 1 Phone Num: 000-000-0000 Address : 7300 W FRIENDLY AVE GREENSBORO, NC 27420 922750 Brand : MOBIL Version : 10.00.23.01J
Last Status: Sent Success: Resp	onse Code is	Active :

After the registration is successful, the screen as shown in Figure 118 opens. Click Look Up Store Id.

Figure 118: Passport Central Deployment - 2

Passport Central Deployment	
General Version Info Server Alert Cfg/Diag Payload	Install Status Available Packages
Central Server: 64.90.126.115 Store GVR Id # 180652	Save Enabled
Token HeartBeat (min) 240 Last Successfull Transmission: 03/25/2014 1:09 PM	GVR SMS #: 180652 Store #: TEST Name : TEST 1 Phone Num: 000-0000 Address : 7300 W FRIENDLY AVE
Send Heartbeat Look Up Store to Register Store to	GREENSBORD, NC 27420 922750 Brand : MOBIL Version : 10.00.23.01J Active :
Last Status: Sent Success: Response Code is	Register : True [Mar 21, 2014 3:26:54 PM] Last Msg : Mar 25, 2014 11:05:52 AM ASC : Jones Frank - Raleigh [919-231-1998

5 Enabling the GDS is now complete. Close the application.

Appendix C: Registering the Store with Insite360

To configure the Passport MWS and register the store, proceed as follows:

1 Go to MWS > Set Up > Store > Insite360 Passport Interface. The Insite360 interface screen opens.

Figure 119: Insite360 Passport Interface Screen

11:28 AM 09/10/2014	POS Help
General Summary Files	Insite360 Interface
Insite 360 Configuration	
Enable Insite360	Register Site
Export price book when third party changes are made to items or departments	
Price Sign enabled. Apply fuel price changes immediately.	Save
Registration Information	3
Gilbarco ID Customer ID	Exit
Indoor Receipt Data	
C Apply to ALL register groups	
C Apply only to this register group	
POS Journal XML Files All site transactions generate POS Journal XML files for upload	
	Operator 91

The following table lists the fields that are displayed on the Insite360 Passport interface screen and their definitions:

Field	Definition
Enable Insite360	Enables Insite360 on the Passport system.
Export price book when third party changes are made to the items or departments	If selected, Passport uploads to Insite360 all price book maintenance files received from the BOS.
Price Sign enabled. Apply fuel price changes immediately	If Passport has Price Sign configured, this field is available.
	If selected, when Passport receives fuel price changes from Insite360, Passport immediately downloads fuel price changes to dispensers and price sign.
	If not selected, when Passport receives fuel price changes from Insite360, Passport displays a notification on the MWS and CWS. The cashier or manager must trigger the fuel price change download to the dispensers and price sign manually.
Registration Information	Information Insite360 uses to recognize the store at registration.
Gilbarco ID	Identifier used to recognize a particular store.
Customer ID	Identifier used to recognize the corporation that owns the store.
Indoor Receipt Data	Identifies what register groups receive the inside receipt header and trailer when Insite360 transmits new inside receipt header and footer configuration. Select one.

Field	Definition
Apply to ALL register groups	Apply the inside receipt header and footer configuration to all register groups configured on Passport.
Apply only to this register group	Apply the inside receipt header and footer configuration to this register group only. Select the register group from the drop-down menu.

- 2 Select the Enable Insite360 check box.
- 3 Enter the Gilbarco ID and Customer ID values received from the corporate customer.
- **4** Complete the remaining configuration fields noted above based on the customer's corporate guidelines.
- 5 Select the **Register Store** key. The MWS message bar provides success or failure messages. If registration is successful, the name of **Register Site** key changes to **Unregistered Site**.
- 6 If registration is unsuccessful, refer to the "Troubleshooting" section in *MDE-5171 Insite360 Passport Configuration and Troubleshooting Manual for Passport V10 and Later.*
- 7 If the registration is successful, select **Save** to save the configuration to the Passport database and exit from Insite360 interface.
- **8** To verify if Insite360 has registered the store successfully, contact the Gilbarco Help Desk at 1-800-800-7498.

Appendix D: Customer Tablet Programming

IMPORTANT INFORMATION

The items in bold are the recommended settings but these settings can be changed according to the customer requirements. If assistance is needed during this process, the customer should contact Apple's initial setup support center at 1-800-MY-APPLE (800-692-7753).

- 1 Select Language (Recommended is English).
- 2 Select Your Country or Region (Recommended is USA).
- 3 Connect to Wi-Fi (This is Recommended for updates to be performed on the tablet).
- 4 Allow Touch ID (Recommended to not set up).
- **5** Create a Passcode for the iPad (**Recommended to not set up**).
- 6 Set up as New iPad (Recommended to be used).
- 7 Set up Apple ID (Recommended to not log in with an Apple ID).
- 8 Set up App Analytics (Recommended to use "don't share").
- 9 Set up Bluetooth (Recommended to turn OFF).
- 10 Set up Siri (Recommended to turn OFF).
- **11** Perform Software Update (**Recommended to be finished prior to installation. Ensure that the latest iOS has been downloaded and installed**).

Appendix E: Moving a Snapshot Backup from the PX52/PX60 System

IMPORTANT INFORMATION

A current Snapshot must be taken on the PX52/PX60 Passport system and moved to an external drive prior to shutting down these systems and installing the PS65 hardware. This Snapshot will be converted and used by the PS65 system as part of the data restore process.

Before beginning the snapshot process(s), ensure the following:

1 Using Figure 120, check the feature bundles that are currently turned on in the Passport system. If there are bundles that are currently turned ON that will not be available when the Passport Edge is installed, those MUST be discussed with the manager/owner prior to the conversion.

Figure 120: Activated Feature Bundles

Activated Bundles	
Base Passport	
Enhanced Store	
Enhanced Reporting	
Advanced Merchandising	
Employee Management	
Enhanced Card Services	
Enhanced Loyalty Interface	
Multiple Loyalty Interface	
Play at the Pump [™]	
Mobile Pay FDC	
Prepaid Card Services	
Car Wash	

2 In Network Setting, either take pictures or note all the network settings that are currently in use.

Note: This is extremely important as these setting ARE NOT transfered over via the snapshot process.

- **3** Ensure that all the network reports, store/shift reports and all other needed reports are printed before moving to the next step.
- **4** In register setup, the POS registers should be deleted, so that after the data is converted, the new TabletPOS register can be added.

Note: Ensure that the register number 99 is NOT removed as that is used by Passport to book dispenser sales.

Figure 121: Register Setup Screen



5 In System Recovery Maintenance, clear the mirroring option to avoid unnecessary calls to the Help Desk.

Figure 122: System Recovery Configuration

0641 AM 99/05/2018			Help
ę	System Recovery Confi	guration	Recovery Configuration
Database Backups			
Start time 3:00 AM	NOTE: The start time co	ntrols the Daily Maintenance job. This	
Startime 15.00 AM	diagnostics. Choose a t	ups, data maintenance and ime of day where trading is light.	Save
		, <u>,</u>	
Run a Full Backup on the follo	wing day(s)		Exit
🗹 Sunday 📃 Monday	🗖 Tuesday 🔲 Wea	dnesday	
	Coturdou		
	Saluruay		
Run Differential Backups o	n all other days		
Run Differential Backups o	in all other days	Transaction Log Interval	
 Run Differential Backups o Backup Archival Archive Backup Sets 	in all other days	Transaction Log Interval	
Run Differential Backups o Backup Archival Archive Backup Sets Delete Archived Backup Sets	on all other days	Transaction Log Interval Run a transaction log backup once every 30 minutes.	
Run Differential Backups o Backup Archival Archive Backup Sets Delete Archived Backup Sets	on all other days	Transaction Log Interval Run a transaction log backup once every 30 minutes.	
Run Differential Backups o Backup Archival Archive Backup Sets Delete Archived Backup Sets Server Backup and Image Mirro "Mirror" copies of the curren	n all other days older than <u>14</u> days tring t server backup and image ond	Transaction Log Interval Run a transaction log backup once every 30 minutes. 20 each day at 12 00 AM	
Run Differential Backups o Backup Archival Archive Backup Sets Delete Archived Backup Sets Server Backup and Image Mirro "Mirror" copies of the current Machine used to mirror server	n all other days	Transaction Log Interval Run a transaction log backup once every 30 minutes. 2e each day at 12:00 AM	
Run Differential Backups o Backup Archivel Archive Backup Sets Delete Archived Backup Sets Server Backup and Image Mirro "Mirror" copies of the current Machine used to mirror server I	on all other days	Transaction Log Interval Run a transaction log backup once every 30 minutes re each day at 12:00 AM	

To perform the Snapshot process complete the following steps on the PX52/PX60 System:

- 1 From Passport MWS, access System Maintenance. Note: Use the second level User Name and Password.
- 2 From the System Maintenance toolbar, select Call Center.

Figure 123: System Maintenance - Call Center



3 From the Call Center tab, select Adv User.

Figure 124: Call Center Tab



4 Enter the user name as "PassportTech" and the required password.

5 From the Passport Image Control Panel, select **System Recovery**. *Note: Passport Image Control Panel may vary by version.*

Passport Image Control Panel			
Machine Name: POSSERVER01		Passport Version: 8.02.23.03	
Current User: PassportTech TimeZone:Eastern Standard Time		Image Versior Brand:CONCO	1: 32.7.05 ORD
System Recovery	Select Time Zone	Rename CWS Client	Install Report Printer
Install APC Software	Passport Brand Selection	Process Explorer	SQL Server Management Studio
Windows Explorer	Install Passport Application	Secure Erase Files	SQL Query Express
Windows Control Panel	Administrative Command Prompt	Directory Size Vie w er	EPS Dashboard
Internet Explorer (10.5.48.1)	SWAT Data	Vie w Health Check Report	Add FTP User
	EXIT Application		

Figure 125: System Recovery

- 6 Connect external drive to the unused USB port on the rear of the PX52/PX60 Passport System.
- 7 From the Passport System Recovery screen, select Tool > Snapshot Backup > Take a Snapshot Backup.

Figure 126: Snapshot Backup

System Recovery	tem Recovery	POSSERVER01
Restore Repair	Tools Save Image Restore Image "Snapshot" Backup "Sna This option performs a "snapshot" backup. A snapshot backup is a "user" backup of all databases and configuration directory. This is typically used when swapping server hardware or for testing purp on the main system backups.	pshot" Restore Launch Image Rei
	Status Summary Snapshot backup No existing valid snapshot backup was found. Use this feature to generate a fresh snapshot backup. (11/4/2013 2:14 PM)	Refresh
Exit		Take "Snapshot" Backup

- **8** Wait for the snapshot process to complete, then exit from the Passport System Recovery screen.
- 9 In the Image Control Panel Screen, select Windows Explorer > d:\gilbarco\snapshot and copy the directory to USB Drive.
 Note: Passport Image Control Panel may vary by version.

Figure 127: Snapshot Backup

assport Image Control Pa			
Machine Name: POSS Current User: Passpor TimeZone:Eastern Sta	ERVER01 tTech undard Time	sion: 8.02.23.03 n: 32.7.05 ORD	
System Recovery	Select Time Zone	Rename CWS Client	Install Report Printer
Install APC Software	Passport Brand Selection	Process Explorer	SQL Server Management Studio
Windows Explorer	Install Passport Application	SQL Query Express	
Windows Control Panel	Administrative Command Prompt	Directory Size Viewer	EPS Dashboard
Internet Explorer (10.5.48.1)	S₩AT Data	View Health Check Report	Add FTP User
	EXIT Application		
	EXIT Application		

Figure 128: Snapshot Screen

Pageness Diguidarco(snapsnot Folders Size Type Date Modifies Booms File Folder 11/04/2013 File Folder 11/04/2013 With Computer Booms File Folder 11/04/2013 File Folder 11/04/2013 Coll Disk (C:) File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/2013 File Folder 11/04/201	D:\gilbarco\snapshot Ele Edit Yew Favorites Iools Hele Back → Yes Yes Address →	p Iders 🔯 🎯	× 19 ⊡•			
System Volume Information Image: System Volume In	Aggress D:\gilbarco\snapshot Folders	×	Name A BOInBox BOOutBox Debug PRArchive activeforecourt.reg backuplocaltime.txt glibarco.reg grocaccounts.xml oleforretail.reg groraccounts.xml subscribers.xml subscribers.xml subscribers.xml xttmezone.reg version.txt xttMLMovePath.reg	Size 3 KB 1 KB 33 KB 47 KB 1 KB 81 KB 1 KB 2 KB 1 KB 2 KB 2 KB	Type Tile Folder File Folder File Folder File Folder Registration Entries Text Document Registration Entries XML Document DAT File Text Document XML Document XML Document Registration Entries Text Document Registration Entries	2 60 Date Modified 11/04/2013 5::

- **10** Remove USB drive from the Passport PX52/PX60 system server.
- 11 Select Shutdown from System Maintenance.

Figure 129: System Maintenance - Shutdown

sion Model # Serial # 2 No. 02-039	8.02.26.03₩ EX 01.26 (01.26.01. PA03200000100 SB102000	(ON 02W)	R		Ŋ	Logoff Restart		14 12 12 11 11 1
POSSERVER01	et Logs EDHub	System Testers	em Mainte	nance	Tools	Shutdown Shutdown this Shutdown	machine. Exit	

12 Verify that the Passport Server is completely shut down, remove PX52/60 hardware, cables, monitor, etc.

Note: All peripherals will be reused.

- **13** Install the new PS65 hardware that has been either, preloaded from the Gilbarco factory with Passport V11.02 or pre-staged from the factory location.
- **14** Power ON the server PS65 system.

Restoring Data on the PS65 Passport System:

To restore the data on the PS65 Passport System, proceed as follows:

- 1 From Passport MWS, access System Maintenance. Note: Use the second level User Name and Password.
- 2 From the System Maintenance toolbar, select Call Center.

Figure 130: System Maintenance - Call Center



3 Select **Adv User** from the Call Center tab.



Figure 131: System Maintenance - Call Center

- 4 Enter the user name as "PassportTech" and password as required and the screen shown in Figure 132 on page 92 is displayed.
- **5** Insert USB drive containing the snapshot data that was retrieved in step 9 on page 89.
- 6 Select System Recovery from the Image Control Panel.

7 Open System Recovery on PS65 and click Upgrade.

Figure 132: System Recovery - Upgrade

assport Sy	stem Recovery	POSSERVER01
 Restore Repair Tools Upgrade 	Upgrade Tools Restore Backup and Migrate Data Upgrade Legacy EDH This feature allows you to take a backup saved from another machine, turnin and migrate it to be compatible with version running on this machine. Image: the same same same same same same same sam	g an older version of Passport and restore ware is being replaced during an chine and can lead to data loss if lear. Browse
Exit	Verify	would be a removable drive.

8 Browse and select USB Drive Snapshot directory specifically the "version.txt" file and click **Open** as shown in Figure 133.

Figure 133: USB Drive Snapshot Directory

System Recovery	oackup you want to restore		x	
	▼ 4_135_12_01 (E:) ▼ snapshot ▼		- 5	DSSERVERUT
Organize 👻 New folder		:== 👻		- A
🔚 Recent Places 🔺	Name *	Date modified	Туре	
🖰 Librariac	🕌 BOInBox	11/4/2013 6:20 PM	File folder	1
	📙 BOOutBox	11/4/2013 6:20 PM	File folder	of Passport and restore
📜 Computer	퉬 database	11/4/2013 6:20 PM	File folder	
📷 Local Disk (C:)	鷆 ngc	11/4/2013 6:20 PM	File folder	placed during an lad to data loss if
👝 Local Disk (D:)	\mu PJRArchive	11/4/2013 6:20 PM	File folder	
- 4_135_12_01 (E:)	🗎 version	11/4/2013 5:56 PM	Text Docume	
New Folder				
BOInBox				Browse
BOOutBox				
🌗 database 📃				L
📕 ngc				Refresh
PJRArchive				
CD Drive (F:)	1		F	в.
Filer	name: version	Backup Version File	-	
	1			
		Open Ca	ancel	
1				
Exit	Verify		Restore	and Migrate
			_	

9 Verify that the source field contains the proper snapshot that was selected from the USB device.

Passport Sy	stem Recovery POSSEI	RVER01
Restore Repair Tools Upgrade	Upgrade Tools Restore Backup and Migrate Data Upgrade Legacy EDH This feature allows you to take a backup saved from another machine, running an older version of Passport a and migrate it to be compatible with version running on this machine. This feature is only intended for situations where hardware is being replaced dur upgrade. It will overwrite the data already on the machine and can lead to data misused. Contact Technical Support for advice if unclear. Source	nd restore ing an loss if owse
Exit	Verify Restore and Migr	ate

Figure 134: Verifying Proper Snapshot

- 10 Click Restore Backup and Migrate Data as shown in Figure 134 on page 93.
- **11** Read the warning, confirm that everything is correct and click **Yes**.

Restore D	Database and Migrate To Current Version	×
	You have selected to restore from: SNAPSHOT BACKUP located in: E:\snapshot Version: 8.02.26.03W Brand: EXXON The data being restored is: All databases Configuration and non-database files (registry settings and reports) The database will be migrated to be compatible with the current version after the restoration is complete. Are you sure you want to continue?	
	Yes No Cancel	

Figure 135: Conforming Snapshot

12 On clicking Yes, another warning message is displayed. Click Yes.

Figure 136: Warning Message

Restore D	Patabase and Migrate To Current Version	×
Â	WARNING: Any existing system configuration and scheduled backups will be overwritten as part of the operation. Because the backups you are restoring likely come from another machine, Manager Workstation will require Feature Activation to be performed when the system is restarted. Are you sure you want to proceed with the restore?	
	Yes No Cancel	

During the migration steps, notice the following different console windows populate at various times during the restore process.

Figure 137: Restore and Migration



- **a** Restore Globalstore Database **b** Update Netw ids **c** Restoring Registry **d** Migrating Data (yes, this will take a few minutes) i Replication ii CSoft Database iii Fuel iv CRIND v Misc **e** Setting the Brand **f** Saving registry keys to files g Checking integrity of GlobalSTORE Database h Performing Full Backup of databases i Performing extract j Installing & Reinstallation of Replication **k** Reapplying Jobs
- **13** Once the restore process is complete, a message is displayed (see Figure 138). Click **Yes** to reboot the machine.

Figure 138: Restore and Migration to Current Version



Appendix F: Converting Site from a Non-Gilbarco POS to a Passport Edge POS

To convert from a non-Gilbarco POS, proceed as follows:

- Work with the site owner/manager to understand what data on the current POS they need to convert or program into the Passport EDGE.
- Work with the site owner/manager to understand the disposition of the current equipment, once it is removed.
- 24 hours prior to installation, contact the network (if required) to ensure if a new merchant number is issued.
- If required, ensure that the correct network communication device (Datanode, Cybera[®], Hughes[®], etc.) is ordered or is handy.
- Ensure that the correct D-Box for the dispensers onsite is ordered or is handy.
- Ensure that all firmware/software needed to convert the dispensers from four-wire to two-wire is ordered or is handy.
- Ensure that all needed cabling, gender adapters and other items are on hand.
- Ensure that, if there is a tank gauge present, the correct DIMM card, gender adapter, and cabling is ordered or is on hand.
- Ensure that all network reports, store/shift reports and all other needed reports are printed out prior to moving onto the next step in the conversion process.
- Contact the network, to confirm if the site is correctly closed and is ready for changing to a new PDL and that this location is "flagged" for that new PDL download.
- This should also be the time when, if the site is ready, the EMV profile should be added to a Passport Edge POS.

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