FlexPay Connect v2

August 2016

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FlexPay Connect v2 Overview

- Benefits:
  - Updated electronics set supports our roadmap for Encore Insite360 Remote Management
  - Simplified backroom configuration with fewer boxes (BRCM and TBM2 combined into single box - BRCM2)
  - Simplified dispenser configuration with fewer boards (DCM and HIP/AFP combined into single board - DCM2)
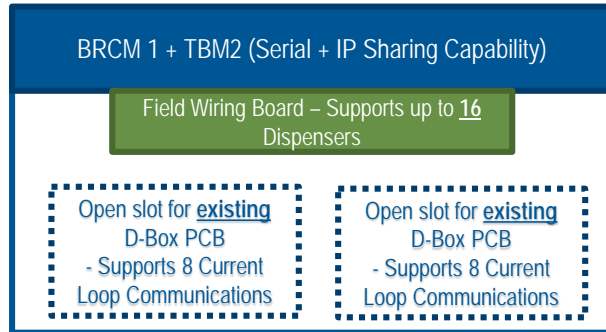
- Key notes:
  - FlexPay Connect v2 components (BRCM2 / DCM2) cannot be mixed on a site with previous components (BRCM / DCM)
  - FlexPay Connect components in the field do not need to be replaced with FlexPay Connect v2 unless upgrading to Encore Insite360 Remote Management

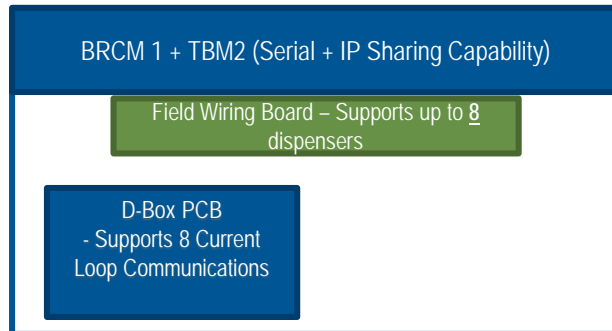Service Bulletin #2757 – FlexPay Connect v2 Launch Package
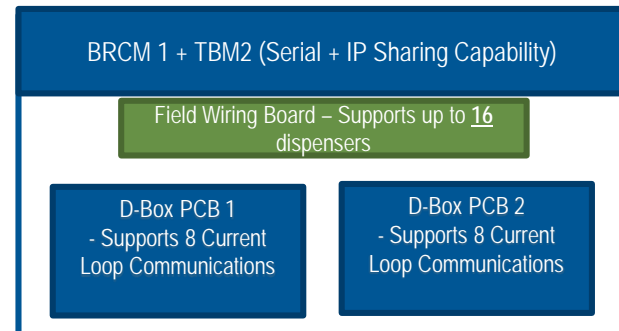
BRCM2 Configurations Explained

PA04222000002

> BRCM 1 + TBM2 (Serial + IP Sharing Capability)
>
> Field Wiring Board – Supports up to **16** Dispensers
>
> Open slot for **existing** D-Box PCB - Supports 8 Current Loop Communications
>
> Open slot for **existing** D-Box PCB - Supports 8 Current Loop Communications

PA04220000012

> BRCM 1 + TBM2 (Serial + IP Sharing Capability)
>
> Field Wiring Board – Supports up to **8** dispensers
>
> D-Box PCB - Supports 8 Current Loop Communications

PA04220000022

> BRCM 1 + TBM2 (Serial + IP Sharing Capability)
>
> Field Wiring Board – Supports up to **16** dispensers
>
> D-Box PCB 1 - Supports 8 Current Loop Communications
>
> D-Box PCB 2 - Supports 8 Current Loop Communications

> The BRCM2, regardless of the version, will always come with the BRCM (speeds up the communication between backroom and DCM) plus the TBM2 (previously needed for applause sites that had 1 set of twisted pair wiring).

> Those two items are in the lid of the box. There is a second, or bottom compartment in the BRCM2 that varies based on the model ordered.

> <u>PA04222000002</u> - allows you to take the existing Gilbarco D-Box at the site, and then place the PCBs in the bottom compartment of the new BRCM2.
>   > Simplified, if a site has a D-box and plans to continue using it, order this version. The version is *FREE* with Applause.
>   > If a site has a 3rd party D-box, then it can be wired in "Pass through Mode" (<u>MDE-05263A</u> page 19). This allows for a high speed connection with the BRCM2 and the 3rd party D-Box, if it has an open circuit voltage > 8 volts. Known examples that do not comply are Tiger, Panther and PAM5000.

> <u>PA04220000012</u> - second compartment comes with one (1) D-Box PCB. This allows you to connect up to 8 dispensers if running MOC protocol (Passport)
>   > Simplified, if a site does not have a D-Box, needs or wants a new one, then you would order this one to accommodate. (BRCM+TBM2+ 1 D-Box PCB)

> <u>PA04220000022</u> - second compartment comes with one (2) D-Box PCBs. This allows you to connect up to 16 dispensers if running MOC protocol (Passport) and up to 8 dispensers if running Generic (3rd Party POS) to the BRCM2.
>   > Simplified, if a site does not have a D-Box, needs or wants a new one, then you would order this one to accommodate (BRCM+TBM2+ 2 D-Box PCBs)
>   > This plus another D-Box will allow you to run up to 16 dispensers with a 3rd Party POS

FlexPay Connect v2 - Components

Configuration	FlexPay Connect	FlexPay Connect v2
FlexPay II	HIP2	HIP2
FlexPay IV	AFP	AFP
FlexPay II - Media and EMV capable	HIP2 + BRCM + DCM + optional TBM2	~~HIP2~~ + BRCM2 + DCM2 + ~~optional TBM2~~
FlexPay IV – Media and EMV Capable	AFP + BRCM + DCM + optional TBM2	~~AFP~~ + BRCM2 + DCM2 + ~~optional TBM2~~

Component	Part Number	Configuration	Price	ATV Price
DCM2	M15315A001	Dispenser Communication Module Base Board	$575	$0
	M15315K005	FlexPay II Upgrade Kit	$575	$0
	M15315K007	FlexPay IV Upgrade Kit	$575	$0
BRCM2	PA04222000002	Twisted Pair (Dedicated or Shared) – supports up to 16 dispenser. (If shared with an external current loop source, that source must have more than 8V DC open-circuit voltage. Known examples that do not comply are Tiger, Panther and PAM5000.)	$2,430	$0
	PA04220000012	Twisted Pair (Dedicated or Shared): supports up to 16 dispenser + 1 D-Box PCB to support up to 8 current loop communications	$2,929	$819
	PA04220000022	Twisted Pair (Dedicated or Shared): supports up to 16 dispenser + 2 D-Box PCBs to support up to 16 current loop communications	$3,355	$925

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Supporting Documents

> **SP-3959** - Forecourt Media and EMV Wiring Guide (New)

> **MDE-5265** - BRCM2 Installation Manuel

> **MDE-5040** - FlexPay II CRIND Retrofit Kit Installation Instructions E500 S/E-CIM

> **MDE-5220** - FlexPay IV CRIND® Retrofit Kit Installation Instructions for Encore® S E-CIM™

> **MDE-5226** - FlexPay™ IV CRIND® Retrofit Kit Installation Instructions for Encore® 500 S

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