

# Inform.NET

## Bulk Load File Format

# Notice

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## 1.0 Bulk Load File Format

The bulk load file format is a comma-separated values file, with two record variants possible.

The bulk load file (BLF) format is as follows:

**Table 1. First Record Form Variant – Modem-based Connection to ATG**

Field	Type	Description and Values
COMM_METHOD	STRING Equals "MODEM" in this definition of Variant 1	This shall be either "MODEM" or "TCP" and determines the number and type of the fields in the remainder of the record accordingly.
DIAL_PREFIX	STRING	Any characters needed to obtain a dialtone prior to actually dialing the PHONE_NUMBER. Valid characters are [0-9,+-*#]
PHONE_NUMBER	STRING	The telephone number for dialing the ATG. Initially this is a NANPA <sup>1</sup> -compliant number, Valid characters are [0-9,+-*#]
DIAL_POSTFIX	STRING	Any characters required after dialing the phone number (e.g. PBX navigation). Valid characters are [0-9,+-*#]
DATA_BITS	INTEGER	Either 7 or 8
PARITY	STRING	One of "N" "E" "O" for None, Even, or Odd, respectively
STOP_BITS	INTEGER	Either 0 or 1
SPEED	INTEGER	One of: 1200 2400 4800 9600 14400 19200 28800 33600 56000
SECURITY_CODE	STRING	The security code for the ATG
MAX_ATTEMPTS	Positive INTEGER	Number specifying how many times the ATGCS should

<sup>1</sup> North American Numbering Plan, Administration, <http://www.nanpa.com/>

		attempt to communicate with the ATG. Typical ranges are 1 (no retries) to 4 attempts.
SITE_NAME	STRING	The enterprise asset management system's reference name for the site
GAUGE_MFR	STRING	The manufacturer of the ATG.
GAUGE_MODEL	STRING	The model number of the ATG
Address1	STRING	Main Address line (up to 150 characters in length)
Address2	STRING	Address continued (up to 150 characters in length)
City	STRING	City the site is located (up to 50 characters)
Phone number	STRING	Phone number of contact at location. (up to 20 characters in length)

Example:

MODEM,1,1234567890," , \*3, \*3, \*3",7,0,1,2400,,,3,SiteName,VeederRoot,TLS350,Header1,Header2,Header3,Header4

**Table 2. Second Record Form Variant – TCP-based Connection to ATG**

Field	Type	Description and Values
COMM_METHOD	STRING Equals "TCP" in this definition of Variant 2	This shall be either "MODEM" or "TCP" and determines the number and type of the fields in the remainder of the record accordingly.
IP_ADDRESS	IP_ADDRESS_TYPE	The IP address of the ATG. This must be in the form of four-octets separated by periods. For example: 10.1.6.12. The address <i>should</i> comply with the IETF specifications for Class A,B, or C networks.
PORT	IP_PORT_NUMBER	0 : 65536 the TCP port number for the connection
SECURITY_CODE	STRING	The security code for the ATG
MAX_ATTEMPTS	Positive INTEGER	Number specifying how many times the ATGCS should attempt to communicate to the ATG. Typical ranges are 1 (no retries) to 4 attempts.
SITE_NAME	STRING	The enterprise asset management system's

		reference name for the site
GAUGE_MFR	STRING	The manufacturer of the ATG.
GAUGE_MODEL	STRING	The model number of the ATG
Address1	STRING	Main Address line (up to 150 characters in length)
Address2	STRING	Address continued (up to 150 characters in length)
City	STRING	City the site is located (up to 50 characters)
Phone number	STRING	Phone number of contact at location. (up to 20 characters in length)

Example:

TCP,12.34.212.28,10001,,2,12.34.212.28,VeederRoot,TLS350,Header1,Header2,Header3,Header4

