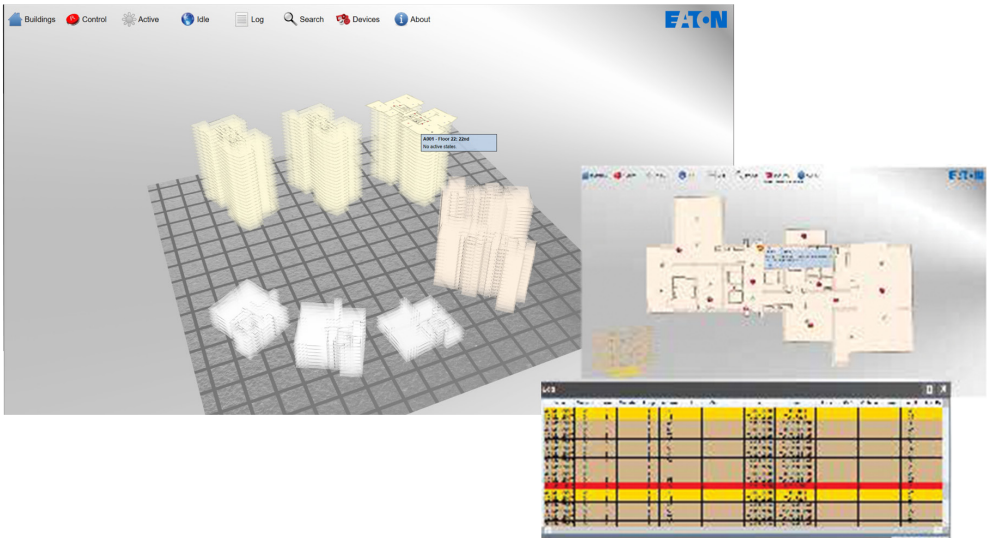
EFGVS (Eaton fire graphical visualisation software) with BACnet



Eaton Fire Graphic Visualisation Software (EFGVS) is a state of the art and powerful supervision management tool for Eaton Fire addressable systems.

Users can monitor, visualise in 2D and 3D, control and interrogate their systems to ensure alarms are located quickly and dealt with efficiently. Ergonomic and intuitive, EFGVS includes a comprehensive list of advanced features offering the system designer and site supervisor a very efficient tool ensuring all information and controls be available at their fingertips.

Eaton fire software enables 2D floor plan visualisation, but also provides a global building 3D view. It delivers alarm information through image and sound notifications but also records all other system events and faults, allowing the generation of comprehensive reports. System control access through EFGVS can be tailored based on local regulations and user credentials.

Integrated solutions are supported with the addition of a BACnet TCP/IP licence and provides users with a BACnet server - resulting in a secure, scalable integration protocol for connection to 3rd party BACnet clients

Features

- Audio and visual alerts
- Floor plan system visualisation
- 3D idle/overview mode including mouse hover/click interaction
- Sweeping animations
- Programmable buttons and displays
- Quick and intuitive to set up and use
- Remote and multi-user access with defined credentials
- Password and pin code protection
- Network history view/search
- Printable reports
- Multi network supervision over TCP/IP
- BACnet support

Benefits

- Simple to use and customise
- Provides system key information including missing panel, alarm, fault anywhere on the network
- Provides a secure system
- Enables large site supervision

Powering Business Worldwide

Technical specification

Parameters	Quantity
Networks	20 USB/RS232 communication device type 200 TCP/IP communication device type
Zones per Network	CF Range = 250, xDetect Range = 1,000
BACnet Networks	20 USB/RS232 communication device type 200 TCP/IP communication device type
BACnet Zones	2000
BACnet Panels	250
BACnet Devices	2500
Max Events	99,999,999
Site Installer Database Format Version	2.0 or above
Supported Eaton Network Protocols	DF6000NetworkV1 DF6000NetworkV2 xDetect Panel
Supported Panels	xDetect addressable range See eaton.com/Fire-Systems-Compatibility Legacy CF1100/1200/CF3000 range
Report File Format	HTML
Email Notification Protocol	SMTP
Remote Protocol	TCP/IP
Max Buildings	10,000
Max Floors/Graphics Screens	30,000
Max Panel/Device Icons/Symbols	100,000
Max Floor Plan Size	4096 x 4096 pixels
Supported Image Formats	BMP, PNG, JPG, TIFF, GIF, PDF
Supported Audio Formats	WAV, MP3, WMA
Supported Commissioning Formats	xDetect: XES, XDW / CF Range: XSI, ZSI
Max History Log Size	Default: 4GB Option for SQL available for large database. Limited by size of SQL server

System requirements

Parameters	Description
Minimum Hardware Requirements	2GHz 4-Core CPU, 16GB RAM, 10GB Hard disk space, Discreet GPU with 4GB VRAM, USB Port
Recommend Hardware Requirements	4GHz 8-Core CPU, 32GB RAM, 20GB Hard disk space, Discreet GPU with 8GB VRAM, USB Port
Operating System	Windows 10 (no longer supported by Microsoft) Windows 11 (only versions supported by Microsoft)
Display	High resolution 1920 x 1080 or higher
Software Libraries	Microsoft .Net 4.7.2 and Microsoft SQL Server

Note: if the software is used for a very large and complex site, hardware requirements may need to be higher. Consult Eaton for guidance.

BACnet Support

BACnet support is included automatically with the following EFGVS licences, each of which hosts a BACnet server representing the relevant number of connected xDetect control panels.

- EFGVS3-6
- EFGVS7-10
- EFGVS7-10-TCPIP
- EFGVS11-PLUS
- EFGVS11-PLUS-TCPIP

Please enquire with Eaton technical support to receive a copy of the latest BACnet Protocol Implementation Conformance Statement (PICS).

We assume you are competent with BACnet and are able to configure data points.

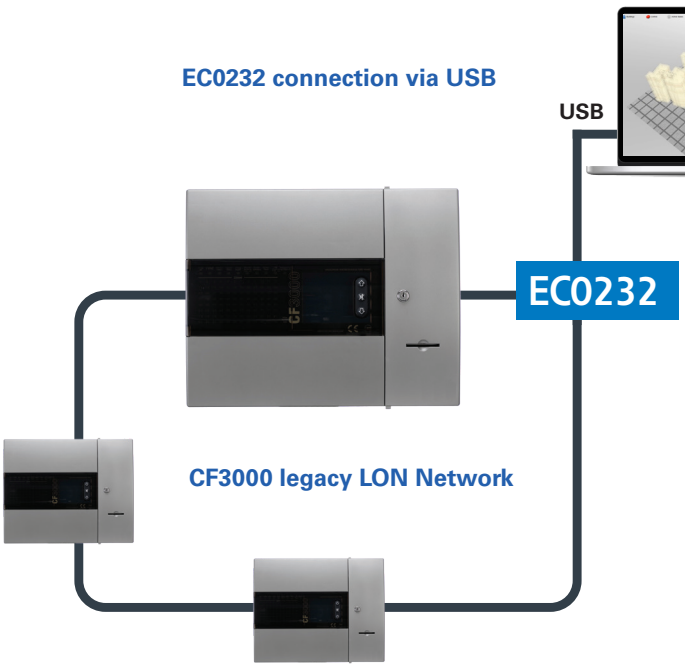
Feature list

Features	EFGVS Designer pack	EFGVS Premium designer pack	EFGVS license without TCP/IP	EFGVS license with TCP/IP
License for site supervision	no	no	yes	yes
Maximum No. Panels Legacy panels xDetect panels (MR1.1) xDetect panels (MR1.2) xDetect panels (MR1.2)	 126 250 250	 126 250 250	 1 to 126 1 to 250 1 to 250	 126 per network 250 per network 250 BACnet panels total
Prepare visualisation floor maps	yes	yes	yes	yes
Program buttons and displays	yes	yes	yes	yes
Visualize actual panel network(s) on PC	no	yes	yes	yes
Multiple displays	n/a	yes	yes	yes
Multi network supervision	n/a	yes	yes	yes
Server-linking capability (over TCP/IP)	n/a	yes	no	yes
Remote and multi-user access with defined credentials	no	yes	yes	yes
Password and pin code protection	no	yes	yes	yes
Control panel control dialogs	n/a	yes	yes	yes
Control panel control from graphics pages	n/a	yes	yes	yes
Device Isolation capability	n/a	yes	yes	yes
Email notification	n/a	yes	yes	yes
Network history view and search	n/a	yes	yes	yes
Printing and exporting reports	no	yes	yes	yes
History storage	n/a	unlimited	unlimited	unlimited

Catalogue numbers

Description	Code
Graphical Visualisation Software license 1-2 panels including an EC0232 interface	EFGVS1-2
Graphical Visualisation Software license up to 6 panels including an EC0232 interface and BACnet functionality	EFGVS3-6
Graphical Visualisation Software license up to 10 panels including an EC0232 interface and BACnet functionality	EFGVS7-10
Graphical Visualisation Software license up to 10 panels with TCP/IP interlink and BACnet functionality	EFGVS7-10-TCPIP
Graphical Visualisation Software license above 10 panels including an EC0232 interface and BACnet functionality	EFGVS11-PLUS
Graphical Visualisation Software license above 10 panels with TCP/IP interlink and BACnet functionality	EFGVS11-PLUS-TCPIP
Graphical Visualisation Designer Software license - no panel connectivity	EFGVS-DESIGN
Graphical Visualisation Premium Designer Software license including an EC0232 interface	EFGVS-PREMIUMDESGN
Interface to connect panel network (LONWorks) to PC (RS232)	EC0232

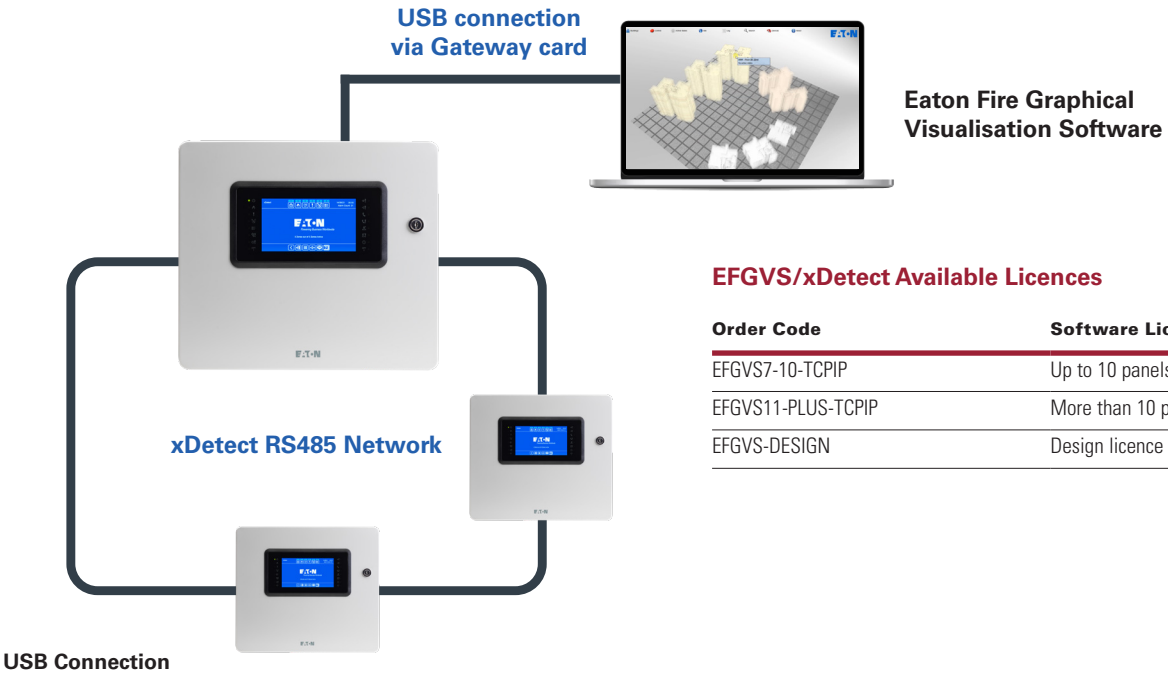
EFGVS / CF3000 typical applications



EFGVS/CF3000 Available Licences

Order Code	Software Licence
EFGVS1-2	Up to 2 panels (incl. EC0232)
EFGVS3-6	Up to 6 panels (incl. EC0232)
EFGVS7-10	Up to 10 panels (ind: EC0232)
EFGVS7-10-TCPIP	Up to 10 panels (incl TCP/IP link)
EFGVS11-PLUS-TCPIP	More than 10 panels (incl. TCP/IP link)
EFGVS-DESIGN	Design licence only
EFGVS-PREMIUMDESGN	Design licence (incl. EC0232)

EFGVS / xDetect typical applications



EFGVS/xDetect Available Licences

Order Code	Software Licence
EFGVS7-10-TCPIP	Up to 10 panels (incl. TCP/IP link)
EFGVS11-PLUS-TCPIP	More than 10 panels (incl. TCP/IP link)
EFGVS-DESIGN	Design licence only

USB Connection
- Available from MR1.1

Eaton Electrical Products Ltd
Llantarnam Park,
Cwmbran, NP44 3AW,
United Kingdom,
www.eaton.com

©2026 Eaton Corporation
All rights reserved.
September 2026
DS0102-B

Information is believed to be accurate, however no representation or warranty is given and Eaton assumes no liability with respect to the accuracy of such information. The information provided in this document is subject to change without notice.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Powering Business Worldwide