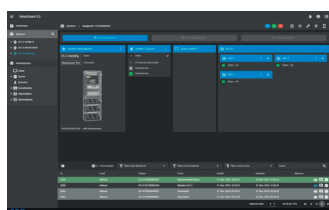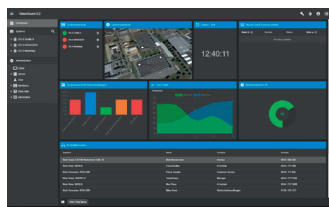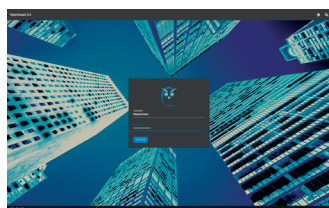# Monitoring software
VisionGuard – visualisation software

Monitoring software VisionGuard V4.0.0

- A modern web-based client/server architecture: Use of standard web browser on the client PC, no special client software installation necessary
- Extremely versatile: full visualisation, monitoring and programming of up to 500 emergency lighting systems with over 100,000 emergency luminaires
- Full Monitoring, control and configuration of DualGuard-S (DG-S) / LoadStar (LS-S), ZB-S and LP-STAR. Full monitoring, control and basic configuration of CGLine+ Web-Controller and full monitoring and control of AT-S+ systems
- A modern project navigation with combined building layout representation (available as option: Building Layout Programming) offers a clear orientation even for large projects
- Optional: The Building Layout Programming allows a representation of System status information and Luminaire status in standard graphic files such as .dwg, .dxf, .svg, .png, .bmp and .jpg format
- Transparent and user-friendly log books and extensive print functions (Status print-out) provide a clear overview
- Automatic notifications: The integrated e-mail function with numerous setting options conveniently sends information via e-mail and thereby eliminates the need for in-person inspections
- Optional: BACnet/IP interface (only for DG-S / LS-S and CGLine+): this allows easy connection to an external building management system (BMS) via the BACnet protocol
- Battery block monitoring (only for DG-S / LS-S): graphic display of the optionally available individual battery block monitoring with single battery block voltage and single battery block temperature

VisionGuard V4.0.0 - system hardware / software requirements:

Server	Standard Windows® PC (tower, rack), virtual machine
Operating system	Windows® 11 Pro. , Windows® 10 (64 Bit), Windows® Server 2016 , Windows® Server 2019, Windows® Server 2022
Processor	Min. Intel i5 or AMD Ryzen 5
Working memory	Min. 16 GB RAM (recommended 32GB RAM)
Memory	Min. 100 GB free space
Hard drive (min. recommended)	256 GB SSD
Resolution	Full HD 1920 x 1080 or higher
Client	Standard PC workstation, Moblie devices (Tablet PC, Smartphone)
Graphics	DirectX 12
Software	Standard web browser, such as Edge, Chrome, Firefox, Safari
Display	Min. 19" (recommended 24" or higher)
Ideal resolution	Full HD 1920 x 1080 or higher
Peripheral devices	Keyboard, mouse, printer

VisionGuard V4.0.0

- Multi-user operation: Modern web-based client/server architecture that can be accessed independently and in parallel (only DG-S / LS-S and CGLine+) from different workstations. On CG-S systems the parallel access is limited.
- Dongle-free software licensing
- Optionally available as a certificate with download link and licence key, or VisionGuard software on USB stick with licence key. For CG-S an additional CG-S soft-licence is needed.
- Tiered versions, from 3 to 500 emergency lighting systems
- Modern web-based dashboard design with widgets (graphic window system)
- Responsive web-design, for different display sizes
- Full visualisation, control and configuration of DualGuard-S (DG-S) / LoadStar-S (LS-S), ZB-S and LP-STAR systems down to the level of the luminaires
- Full monitoring and control of AT-S+ emergency lighting systems and CGLine+ self contained systems

- A modern project navigation enables a clear arrangement of all connected emergency lighting systems in a navigation tree with freely configurable levels
- The optional Building Layout Programming allows a comfortable representation of System status information and Luminaire status in a site plan or floor plan
- User access control with four user roles (supervisor, administrator, power user and user)
- Detailed e-mail function (Status Mail Report and Alarm E-Mailing)
- Advanced printing functions
- Cyber security tested (EATON)
- BACnet/IP Interface for external BMS optionally available (only DG-S / LS-S and CGLine+. For ZB-S, LP-STAR and AT-S+ in preparation)
- Export function for external applications
- Substation Setup: Clear representation of a DG-S / LS-S central battery system with connected DG-S / LS-S substations

Volume licensing

Basic version for 3 devices
Basic version for 10 devices
Basic version for 25 devices
Basic version for 50 devices
Basic version for 100 devices
Basic version for 500 devices
Option: BACnet/IP Interface for external Building Management System (BMS) (only DG-S / LS-S)
Option: Building Layout Programming

27" TFT display

Large TFT flat screen with IPS display and high resolution (1920 x 1200) for displaying the VisionGuard visualisation, monitoring and programming software via a PC system.

PC-Miditower

A powerful PC system for installing and operating the VisionGuard visualisation, monitoring and programming software. Includes Windows® 11, unlicenced VisionGuard preinstalled (Licence must be purchased optionally), PC: high-performance Intel Core i7 processor, 16 GB RAM, 512 GB SSD, mouse and keyboard. (German layout)

Software order information

Part no.	Included with delivery	Article no.
VisionGuard basic version 3	Certificate with download link and licence key	40071362800
VisionGuard basic version 3 / USB	VisionGuard Software on USB-Stick with licence key file	40071362801
VisionGuard basic version 10	Certificate with download link and licence key	40071362805
VisionGuard basic version 10 / USB	VisionGuard Software on USB-Stick with licence key file	40071362806
VisionGuard basic version 25	Certificate with download link and licence key	40071362810
VisionGuard basic version 25 / USB	VisionGuard Software on USB-Stick with licence key file	40071362811
VisionGuard basic version 50	Certificate with download link and licence key	40071362815
VisionGuard basic version 50 / USB	VisionGuard Software on USB-Stick with licence key file	40071362816
VisionGuard basic version 100	Certificate with download link and licence key	40071362820
VisionGuard basic version 100 / USB	VisionGuard Software on USB-Stick with licence key file	40071362821
VisionGuard basic version 500	Certificate with download link and licence key	40071362825
VisionGuard basic version 500 / USB	VisionGuard Software on USB-Stick with licence key file	40071362826

Available options for VisionGuard

Part no.	Included with delivery	Article no.
VisionGuard Building Layout Programming	Certificate with download link and licence key	40071362830
VisionGuard Building Layout Programming / USB	VisionGuard Software on USB-Stick with Building Layout	40071362831
VisionGuard BACnet/IP Interface for external BMS (only DG-S)	Certificate with download link and licence key	40071362835
VisionGuard BACnet/IP Interface for external BMS (only DG-S) / USB	VisionGuard Software on USB-Stick with BACnet/IP Interface licence key file	40071362836

Hardware order information

Part no.	Included with delivery	Article no.
PC-Miditower	with high-performance Intel Core i7 processor, incl. optical mouse and Windows® 11 Pro. (64 bit), unlicenced VisionGuard software pre-installation included	40071362880
27" TFT display	IPS display with 1920 x 1200 native resolution	40071347155
Inkjet printer colour	Multifunction printer DIN A4 with inkjet (colour), scan and copy function	40071340753
Laser printer colour	High quality colour laser printer DIN A4	40071362850