Introducing Cerberus PACE

Cerberus PACE – Public Address and Controlled Evacuation

The sound of safety
Cerberus PACE – Public Address and Controlled Evacuation

In commercial and public buildings, life safety must always be the highest priority. Effectively moving people out of harm’s way in case of an emergency is largely a matter of communication – which is why public address and voice alarm (PA/VA) systems in these buildings aren’t just a useful tool for announcements, entertainment or live moderation but an integral part of the safety infrastructure.

With Cerberus PACE, you can cover all your PA/VA needs with a single solution. It was designed with the specific convenience and emergency applications in modern businesses and organizations in mind, from ambient music to public speaking to guided evacuation. Thanks to its state-of-the-art modular and scalable system architecture, Cerberus PACE can be customized for buildings of all types and sizes and offers unique benefits that will reliably ensure the safety and comfort of your employees, visitors and guests 24/7.

Multi-redundancy
Maximum reliability is a key prerequisite for safety-critical systems including voice alarm systems. To ensure failure safety for all applications, Cerberus PACE can incorporate all redundancy levels from individual backup components up to a complete double structure. Moreover, the network can be made redundant by expanding the EN 54-16 standard single loop network topology to a double loop / double tree topology or combinations thereof.

System configuration in three steps with PACE-Design

For the convenient setup and management of all components, Cerberus PACE comes with the dedicated configuration software PACE-Design. It provides an overview and control of all relevant functions. With PACE-Design, Cerberus PACE can be configured in a 3-step process. No system restarts are required throughout this process.

Your benefits at a glance

1. Beyond EN 54-16: Regulatory compliance and much more thanks to state-of-the-art technology
2. Multi-redundancy: Maximum system reliability with redundant components up to complete double structure
3. Real-time engineering: System configuration without restarts ensures business continuity at all times
4. Pro Sound: High-quality, low-latency addressing end-of-line (EOL) modules
5. Step-by-step modernization: Contact systems implementation with addressable end-of-line (EOL) modules
6. Loop isolators: Fail-safe loop isolators thanks to omission of error-prone capacitors
7. Connect a PC or laptop running PACE-Design to the desired network switch (PACE-NET) via Ethernet.
8. All network elements will be automatically loaded into PACE-Design and appear immediately on the screen.
9. Configure the system and the corresponding in- and outputs.

Step-by-step modernization

There is no need to start from scratch if you have an outdated or broken PA/VA system. Cerberus PACE offers step-by-step modernization, keeping legacy speaker line structures including speakers to achieve EN 54-16 compliance and modern functionality. The key is the installation of smart end-of-line (EOL) modules that identify any faults. In this way, you can safeguard past investments and stretch the life of your PA/VA system without starting from scratch.

1. Old or defective PA/VA system
2. Third-party PA/VA system
3. State-of-the-art PA/VA topology topology

Increased redundancy with double loop or double tree

Single loop network

Double loop network

Double tree network

Increased redundancy with double loop or double tree

The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

#CreatingPerfectPlaces

Siemens is a worldwide leader in electronics engineering and information and communications technology and services. We provide comprehensive solutions in the fields of industry, energy and healthcare. We have a global presence in over 200 countries with approximately 415,000 employees. In 1999 Siemens was awarded the Prince of Wales Medal for the greenest company in the world. Siemens is listed on the DAX and can be found at the stock exchanges of Luxembourg, Berlin, Frankfurt, London, Amsterdam, Zurich, Milan, and Duesseldorf. Siemens sees the world as its market. One Siemens. One goal. To create perfect places. How that starts right here. With our people and technology, our products and services.

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