Intelligent Life Safety Systems Integrations
Beyond Vendor Independent

www.incaus.com
BENEFITS

INCAUS SPARTAN is designed to add value to facilities in streamlining their emergency management, life safety and fire safety procedures, improve preparedness, and collect and analyze data through a user-friendly online system.

- Situational awareness in disasters (through emergency reporting)
- Contacts (internal and Civil Defence Authorities)
- Information used for early detection of possible risk conditions
- Real-time accessible data from controllers and devices
- Integration with the full suite of fire protection systems and devices
- Links with various communication platforms
- Faster response time
- Better compliance to regulatory needs
- Records operator response/actions to an event file
- Assigns priority levels to all alarm points to improve response time

Guardian gateways on User and Device side to validate only authorised data gets transferred. Authenticates devices on every new connection.

Proprietary algorithms using latest cyber security principles to secure data integrity, data flow and access controls.

Scalable on premise or on cloud deployment which is configuration driven. Each server can handle 4 million transactions per second.

Proprietary DB with time-series, encryption and data compression. Ability to process 80k transactions per second.

Reporting tools build with latest UI/UX philosophy. Contains widgets, graphs, trends and excel like tools to slice and dice data in real time.

Analytical tools with based predictive analytics. Our Domain experts build predictive maintenance, anomaly detection and custom models.

Proprietary DB with time-series, encryption and data compression. Ability to process 80k transactions per second.

At INCAUS we follow a policy of continuous product development - product specification and design are subject to change without notice

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In today’s complex multi-building, high-rise and campus environments, multi-vendor, life safety management is a top-of-mind concern. The protection of people, property and assets can hinge on the ability to quickly respond to an emergency and effectively manage system information from a command platform that can integrate multi-vendor life safety systems. With these challenges for customers, INCAUS developed SPARTAN an advanced, next generation life safety management solution developed specifically for large, network installations.

**INCAUS Solution**

SPARTAN-a solution built around integrating well-known life safety brands for Fire Alarm Control System, Central Battery System, Fire Suppression System, and Wireless Battery Monitoring. Manned/un-manned monitoring, detailed situational analytics, customer alarm portals, real-time trouble shooting and diagnostics are some salient features of the solution. SPARTAN solution can provide an outstanding life safety information management solution in commercial facilities, hospitals, universities, hotels, airports and other demanding environments.

In critical situations, having access to early warning information can substantially improve your response time to reduce the impact to the loss of life or property. SPARTAN is your integrated life safety systems’ solutions choice for a safer, more compliant and productive operation.

Through SPARTAN, INCAUS provides centralized monitoring of life safety systems including:

- Fire Alarm Systems
- Central Battery Systems
- Fire Fighting Systems
- Gas Suppression Systems
- Smoke Detection and Gas Leak Detection Systems
Flexible, cost-effective system architecture

Modular architecture provides a cost effective, scalable solution that supports everything from a standalone system to campus or multi-facility system.

Distance is not an issue and system database are expandable / upgradable.

Ready for today...and tomorrow

Keeping with our commitment to stand by our customers and maximise the value of their life safety investments, SPARTAN can meet today’s needs and carry your system into the future. Our Solution can be deployed:

- On local premises or on a cloud-based system as well help meet emerging life safety and mass notification needs.

One premises with one Vendor and another building with another vendor.

INCAUS Enterprise Manager – IOT based Platform for SPARTAN

INCAUS Enterprise Manager platform is a modern Control, Monitoring, and Analytics platform that can either be deployed on local premises or in public or private clouds.

This is an IoT platform and facilitates critical and noncritical assets to be monitored centrally. The platform is built around High Availability, Reliability and Security. The platform provides secure, scalable gathering, and visualization of field data, in addition to providing alerts based on various criteria.

A modular & Expandable platform

Integrates on a single platform:
- Life Safety, BMS, Lighting, and Energy Management.
- Provides tools for control and monitoring of all notification related activity.
- Authority having jurisdiction – Police, Fire Brigade etc.
- Detailed situational awareness and analytics.
- Customised parent notification.

Simple and user friendly GUI (Graphic interface)
- De-centralised & Redundant.
- A platform designed for security, fault tolerance and real time analytics.
- Domain experts across industries helping customers create custom predictive models.
- Deployable on the cloud or on premise.

INCAUS Enterprise Manager
- Redundant Server (Database/Schedules/History/Alarms, etc).
- Unified GUI and control/monitoring for all sites.
- Alarms/Events/Trends.
- Proprietary DB with time-series, encryption with enterprise grade (TLS/SSL) and data compression.
- Ability to process 80k transactions per second.
- Supports a Zero Touch provisioning model with call home capabilities to automatically configure and manage TeleGate.
- Authentication guardians for users and devices.
- Real-time accessible data from controllers and devices.
- Centralized configuration and upgrade management of all TeleGate.

TeleGate
- Combination of Smart Router, Protocol converter, and software Interface driver.
- The hardware component will vary with FA or CBS brand to interface.
- Security: All data stored and communicated with central platform is encrypted.