THALES

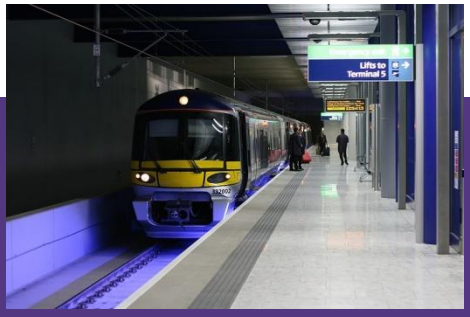
www.thalesgroup.com

An innovative open system for enhanced operational management

Thales Hypervisor is an integrated real time operational management solution designed for transportation systems, including urban rail, main lines and roads, within the urban environment.

The Thales Hypervisor system integrates supervision and control systems within operationally demanding situations and presents an aggregated single operational picture to managers. An award winning user interface, that provides a cross-functional vision of complex operational situations, means managers can deliver effective day-to-day management as well as enhanced decision making in response to unexpected or emergency situations ensuring, wherever possible, continuity of operations.

Thales Hypervisor is built with integration and interoperability in mind and includes
- Designed and developed using a Service Oriented Architecture
- Compatible with current and future systems and operational concepts
- Low deployment and through-life ownership costs



INTEGRATED SUPERVISION PLATFORM

Thales Hypervisor

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Increased situational awareness for managers

Thales hypervisor provides real-time cross-functional vision for all the operators and stakeholders including

- Alarm handling, filtering and multiple sensor or sub-system support.
- Incident assessment, processing, decision support and reporting.
- Integrated communications management with first responders and security officers.

The automation of business processes and standard operating procedures, delivers enhanced operational efficiency and decision support, by reducing reaction time and improving incidents resolution.

Managers can be sure of operators providing a consistent response during the management of incidents.

Intuitive User Interface

Thales Hypervisor boasts an award-winning user interface that allows web-based navigation and easy reconfiguration.

The interface has been designed to be highly ergonomic, offering a unified vision of the complete system from a single workstation, with automated feeds from multiple systems.

Built with SOA

Based on a secure SOA (Service-Oriented Architecture) framework that orchestrates all modules – plus a new web-based Human- Machine Interface (HMI) that provides a total view of equipment status, incidents/alarms and resource allocation.

The flexible SOA framework means the solution is fully scalable and extremely flexible, giving operators the power to integrate any application, from any supplier – with the freedom to re-use and extend the life of existing legacy applications.

Full compliance with international standards provides data integrity and user identity management assurance.

Advanced decision support to operators

Multi-source data fusion provides a unique ability to visualise and manage real-time events.

The solution incorporates advanced decision support tools with onscreen checklists to ensure the correct operational response.

Flexibility of open architectures

Built on the latest open technologies, the Thales Hypervisor is designed to be flexible and adaptive to future operational developments.

A built in procedure configuration tool allows customers to easily adapt processes to their own policies and needs. Maintenance is simplified, and there is a built in capacity to link with any third-party database management systems such as ERP.

High performance data transfer and full system redundancy, underpinned by security protection, provides complete assurance of operational continuity.

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