TRON!XWARE

Industrial Surveillance

Partnering With

MOXA®

AXIS
COMMUNICATIONS
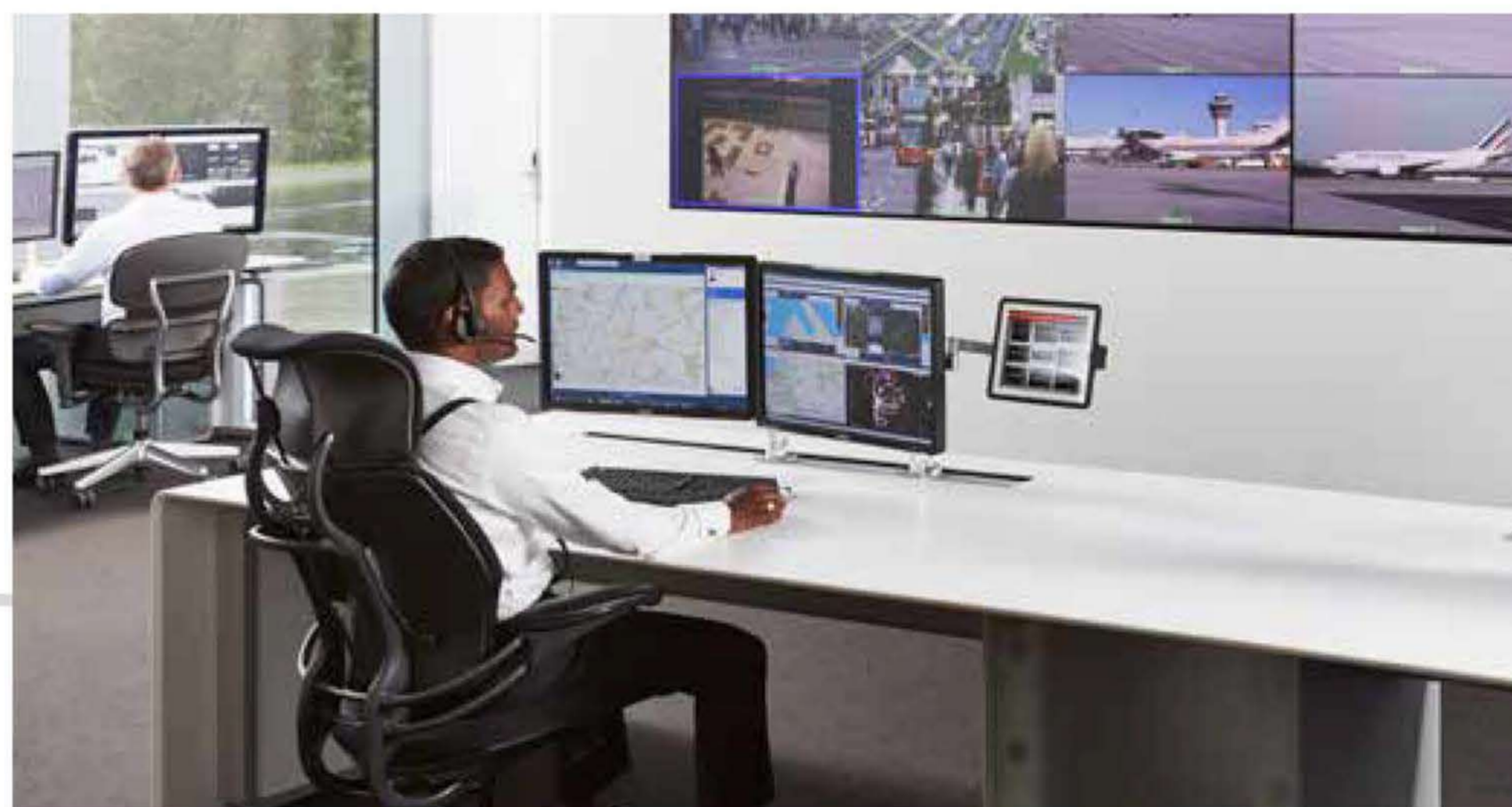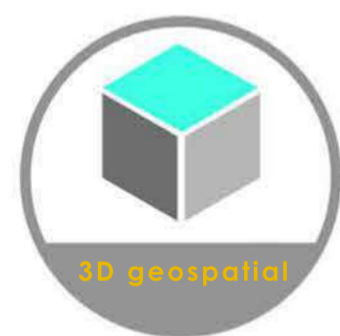
Tailored to create optimal situational awareness

TRONIXWARE is firmly committed to design and develop solutions for industrial surveillance by closely working with industry leading OEMs/manufacturers with outstanding product range in building network infrastructure and its support towards industrial surveillance with world class network cameras featuring a range of megapixel resolutions, camera dimensions, advanced technologies and value-added video analytic functions in order to satisfy the needs of a diverse range of applications.

Camera1

Camera2

data

3D geospatial

radar

Multi-sensor, multi-source solution

Security and surveillance operations are not limited to elements known from traditional scenarios (e.g. camera, radar, sonar images) but they can also include 3D geospatial views. So, Tronixware's solutions are based on standards and integrate with commercial technology. All it takes is to connect the input device to the corresponding input node of Tronixware's networked visualization system. Thanks to the flexible open APIs, integration has been established with the leading VMS/PSIM providers – simple and fully customizable to fit into the existing workflow perfectly ... and designed with the user in mind

Scenario management functions

Typically used to combine all data needed for a particular end, perspectives are user-defined windows that can contain any number of sources. They can be reconfigured on-the-fly, shared and replicated anywhere in the world, on any device. Shared perspectives can be scaled individually so that displays and operating systems with different screen resolutions are still able to make optimal use of the screen estate.
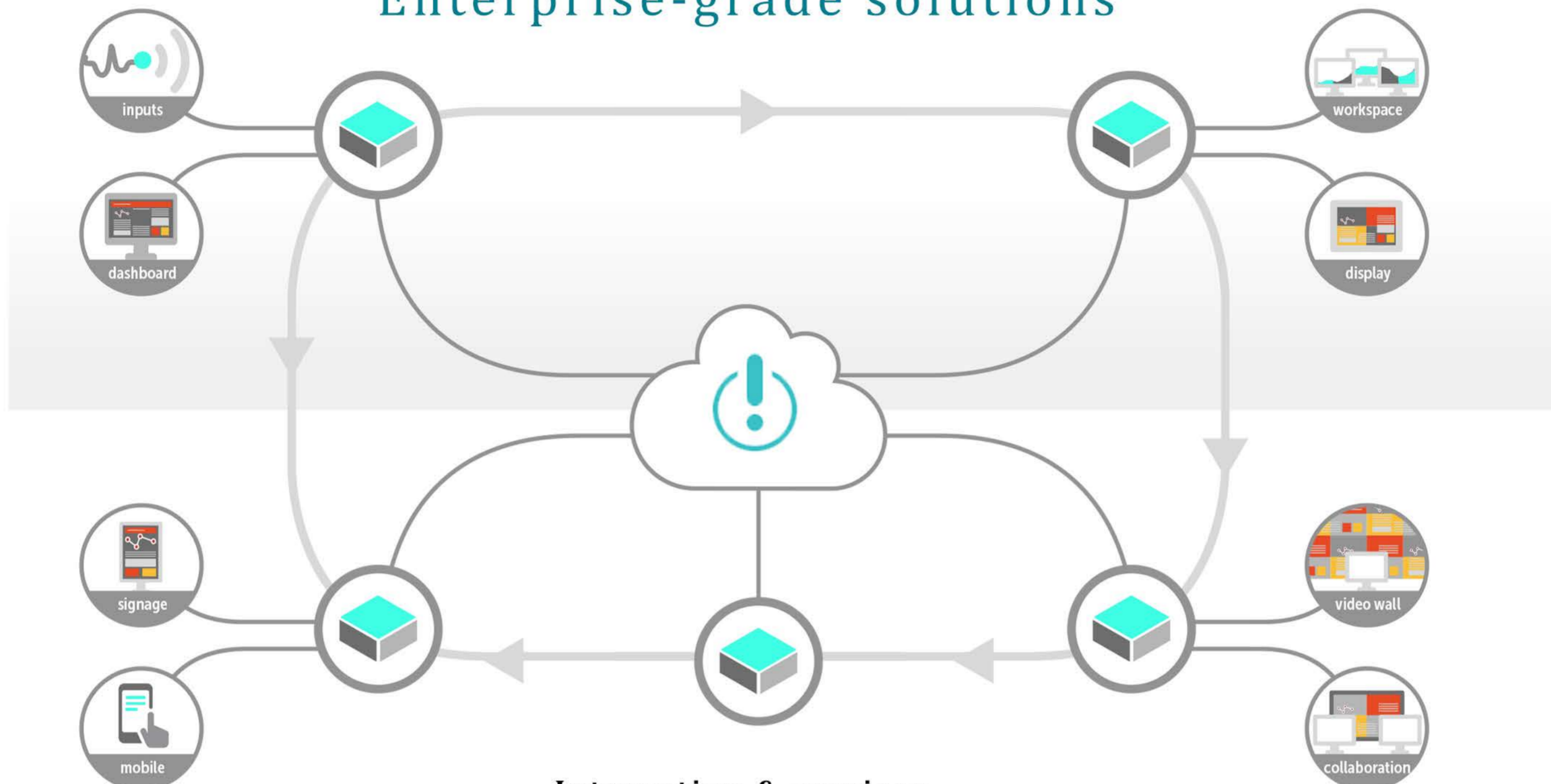
Data acquisition & display management

- Encoding/decoding capabilities
- User interfaces & Ops dashboards
- Bandwidth & network management
- Information Assurance

Single or multi-operator visualisation

- Collaborative workspaces
- Collaboration & workflow technology

Enterprise-grade solutions

inputs

dashboard

workspace

display

signage

mobile

video wall

collaboration

Integration & services
- Recording & playback
- Applications hosting (API/SDK)
- Interoperability

Output distribution
- Digital signage & mobile endpoints
- Content distribution

Group collaborative visualization
- Large-area displays
- Collaboration technology

Smart Tracking

Smart Tracking is an innovative Deep Learning Technology for Tronixware's new PTZ cameras designed to increase effectiveness when automatically tracking people in motion. It is especially effective for applications and times in which individuals require special attention.

Video Alignment for Amazing Panoramic Views

Specially equipped with a video alignment feature, MS series camera allows users to optimize the image quality of each sensor and experience both natural and optimal continuous panoramic views.

Smart Analytics

The on-board Smart VCA suite includes 6 advanced video analytics, it allows the smart-edge cameras to offer advanced accuracy in people and object detections, the rich rules and easy configurations are provided to meet diverse user application requirements.
- Line Crossing Detection
- Intrusion Detection
- Loitering Detection
- Unattended Object Detection
- Missing Object Detection

180° IR Uniformity

Along with offering 180° HFOV coverage, TRONIXWARE 180° network cameras incorporate Smart IR/Smart IR II technology,and have built-in panoramic IR illuminators, ensuring 24/7 surveillance coverage.

TRON!XWARE

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