

From Defense Applications to Smart Infrastructure Management

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<https://www.youtube.com/watch?v=U4yK7kRwIVE>



From Defense Applications to Civil Applications

Cameras Of high resolution

Image processing

Optical communication

Robotics

Means of Intelligence / Profiling

IOT

Sensors

Guided missiles

Wireless communication

Command and control

**Real-time decision making and algorithms
to support it**

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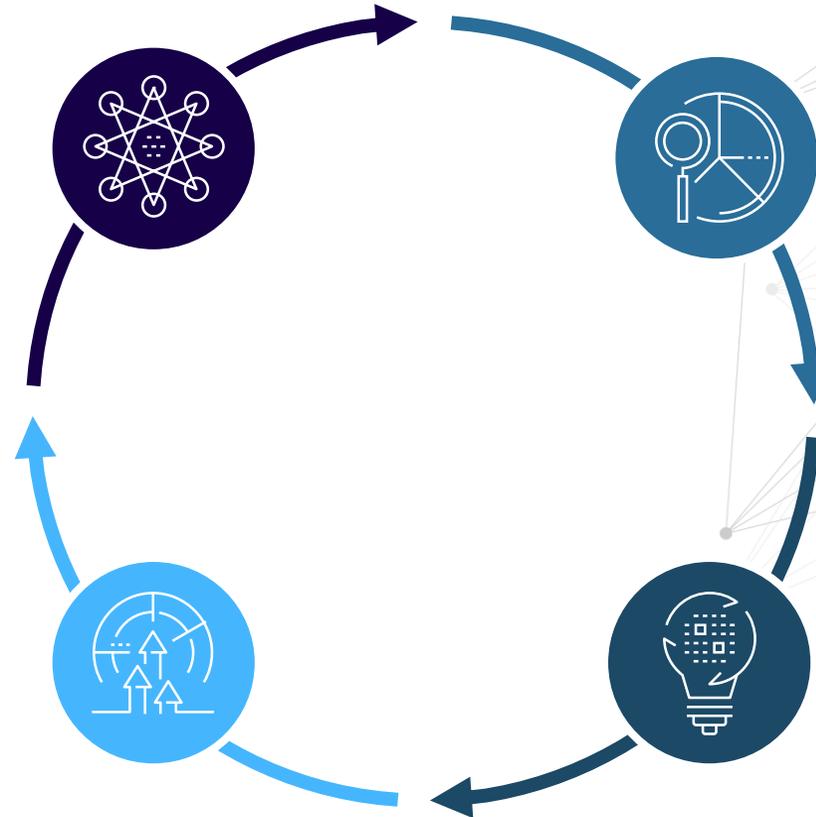
ORCHESTRATION & OPTIMIZATION TO EMPOWER INDUSTRIAL DIGITAL TRANSFORMATION

Connect & Integrate

Interfaces with millions of traditionally siloed sensors, machines and sub-systems to enable end to end visibility and control

Control & Act

Real-time orchestration, management and optimization, turning new insights into actions



Corelate & Orchestrate

A correlated situation awareness in real-time and end-to-end IT/OT integration

Analyze & Optimize

Cutting-edge real-time big data analytics, algorithms, AI/machine-learning models, and business rules to enable optimization and prediction



WATER UTILITIES APPLICATIONS

Water Grid Operation Optimization

- Optimization of water distribution to satisfy demand and supply

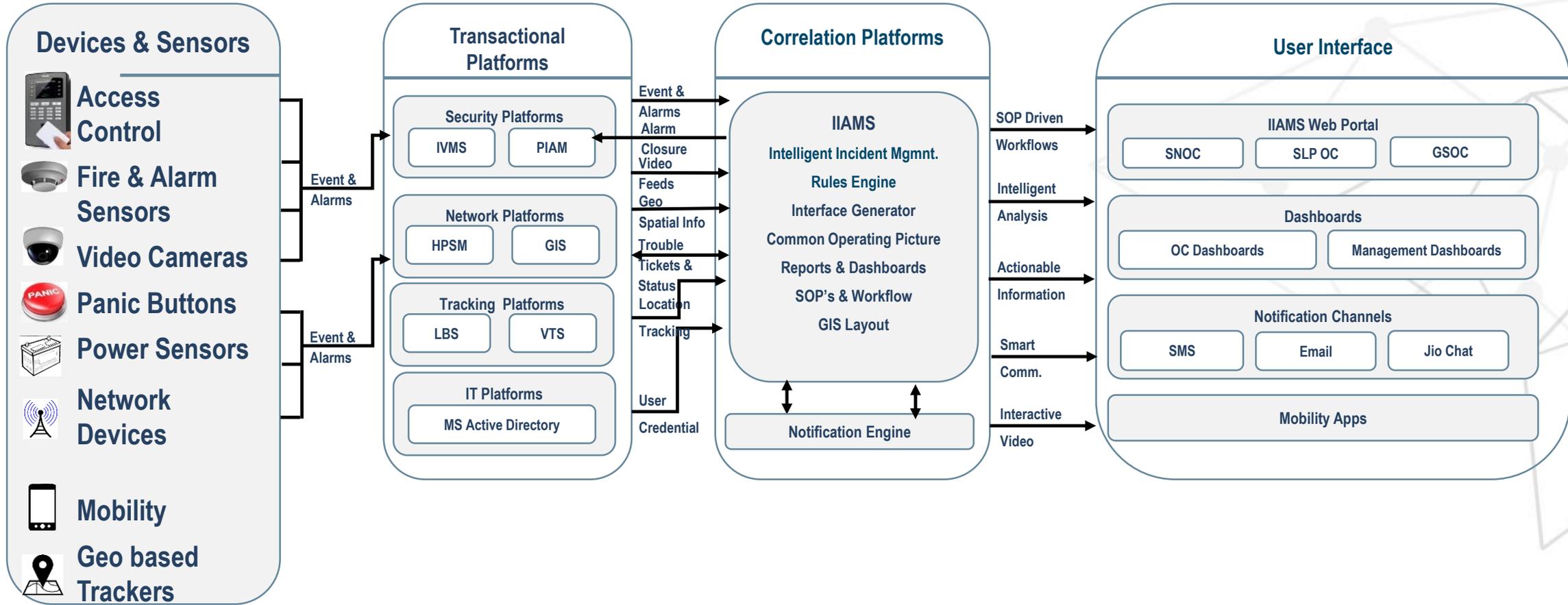
Energy Efficiency

- Power optimization for water distribution utilities taking into consideration electricity rates and water demand
- Water distribution power planning prediction based on historical usage patterns

Security, Safety and Loss Prevention

- Water utilities critical facilities security and safety
- Assets Management
- Incident response according to pre-defined SOPs





Thanks

