



OCTOPUS

control and command

English





OCTOPUS THE NEXT GENERATION OF PHYSICAL SECURITY INFORMATION MANAGEMENT (PSIM)

OCTOPUS is a new and innovative Physical Security Information Management system (PSIM), which combines a comprehensive security management software with a robust smart phone application, enabling organizations to effectively manage all their security, safety, cyber and operational requirements from one place.

OCTOPUS fuses together all of the security & safety systems, sensors, cyber and data sources in order to streamline and improve the efficiency and responsiveness of the organization's security operations.

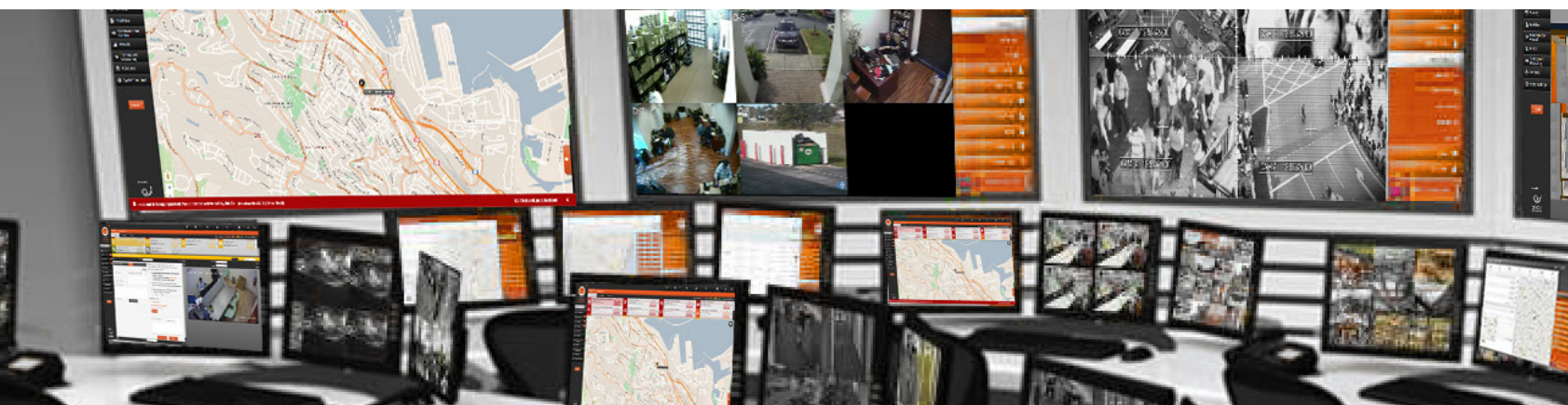
The system was defined and developed by experts in the field of physical security, safety and cyber security and is a cloud enabled, reducing hardware costs and IT infrastructure dependencies.

OCTOPUS offers much benefits to organizations in various vertical markets, such as: critical infrastructure, safe city and smart city, crisis management, emergency response agencies and private security companies, municipalities & government offices, airports & seaports, factories, banks, hotels, healthcare, education and others.

The software is divided into two main user interfaces:

- Security management system for the organization's command & control center and for the managers
- Mobile application for: security forces / patrols / employees / operational staff / users

The **OCTOPUS** software is a complete solution for security, safety and logistical operation centers, offering a unified common operational picture (COP) either on a multiple screen layout or on an iPad/Laptop with an internet connection.



OCTOPUS PROPERTIES | software includes the following modules:

- Command and control system for integrating and managing systems such as:
 - CCTV, Video analytics
 - Intrusion, Access control, Fire alarm
 - LPR, Perimeter, Radars
 - SCADA, BMS, PLC
 - Communications
 - Location based devices
 - Cyber and Network alerts
 - Social Analysis and open source Intelligence
 - Organizational systems and ERP
- Interface to internal and external information systems and government sources to correlate, analyze and display an enhanced security and safety situation picture.
- Live video transmission from the mobile app
- Incident management and log system
- Security operation's system
- Emergency protocol and procedure management
- Route management System - vehicle & on foot
- Visitors, suppliers & contract employees management system
- Asset management system
- Buildings management and maintenance operations system
- Safety management system
- Weapons management System
- Competence management system
- Risk management - Organizational performance, monitoring and KPI's
- SIM - security information center for cyber-attack alerts





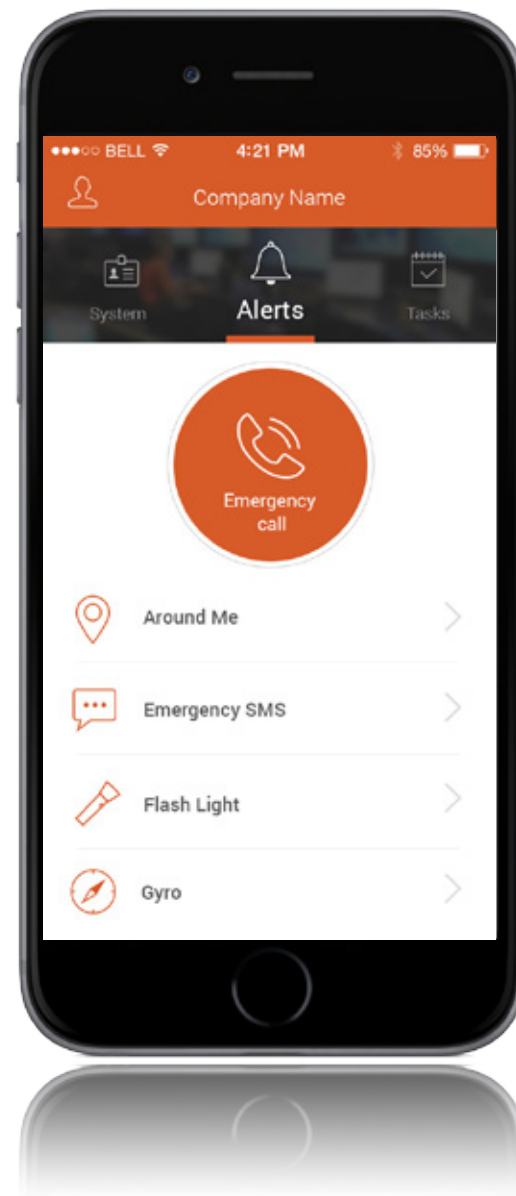
OCTOPUS APP FOR SMART PHONES

Managing the security and safety operations requires a means of communication and response between the command center and the mobile forces, field operations and mobile users.

OCTOPUS has developed a rich mobile phone application terminal dedicated for this enterprise communications management.

The app includes the following modules:

- Distress button
- Gyro Mode “man down”
- GIS map + data layers
- Location transmission & GPS positioning
- Encrypted communication system - Text messaging, VoIP PTT and Live Video Transmission
- Receiving incidents & Dispatch
- Incident log & Manual Incident reporting
- Inspection reporting and form generator
- Patrol & Route module and navigation
- View force location on GIS
- Performance & Monitoring
- Receiving forms and documents and digitally signing them
- Task management
- Time & attendance reporting with geo-location + interface to ERP/Salary
- Bar-code scanning system for security, visitors, equipment and logistics
- Visitor/Supplier invitation module
- Vehicle license plate verification
- Access control system for opening doors and gates
- Organizational phonebook
- Places near me - locations and phone numbers



OCTOPUS IS AN ADVANCED, CLOUD ENABLED, UNIFIED PSIM COMMAND AND CONTROL SYSTEM

The system is based on a number of layers:

- Integrated sensors, devices & data Sources
- Cloud hosted server with secure communications
- Command and Control system
- Mobile user application





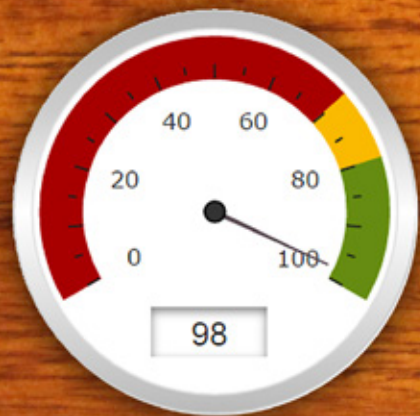
OCTOPUS PERFORMANCE AND MONITORING SYSTEM | Mitigate and monitor risk

Managerial system allowing to receive information and data from internal and external sources and monitor all the organization's key performance indicators (KPIs) and the organization's health and risk level - in the field of Safety, Security, Information security, operational risk, other fields.

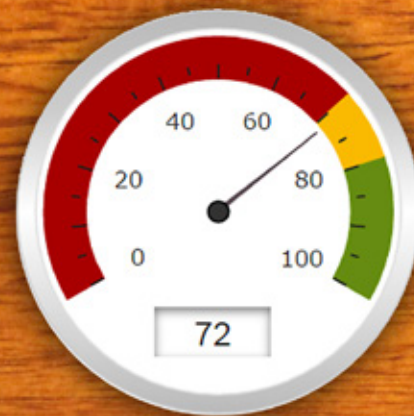


- View all your organizational risk levels from one place for all the facilities
- Drill in each site to reveal the underlying indicator score results
- Compare between multiple sites
- Advanced User Interface allowing quick drill-in from high level to lower level
- Mobile app shows results and allows filling reports and scores from the field
- Set thresholds for each monitored subject from which an escalation in the organizational measurements and procedures is required when threshold is passed.
- Map your organizations hierarchy and decide on designated responsible employees for feeding tests to the system.

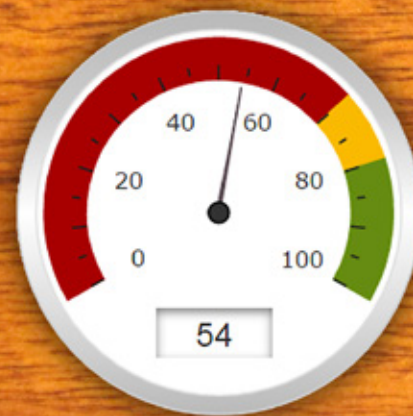
HEADQUARTERS



SERVERS



WAREHOUSE





OCTOPUS VISITOR & SUPPLIER MANAGEMENT SYSTEM

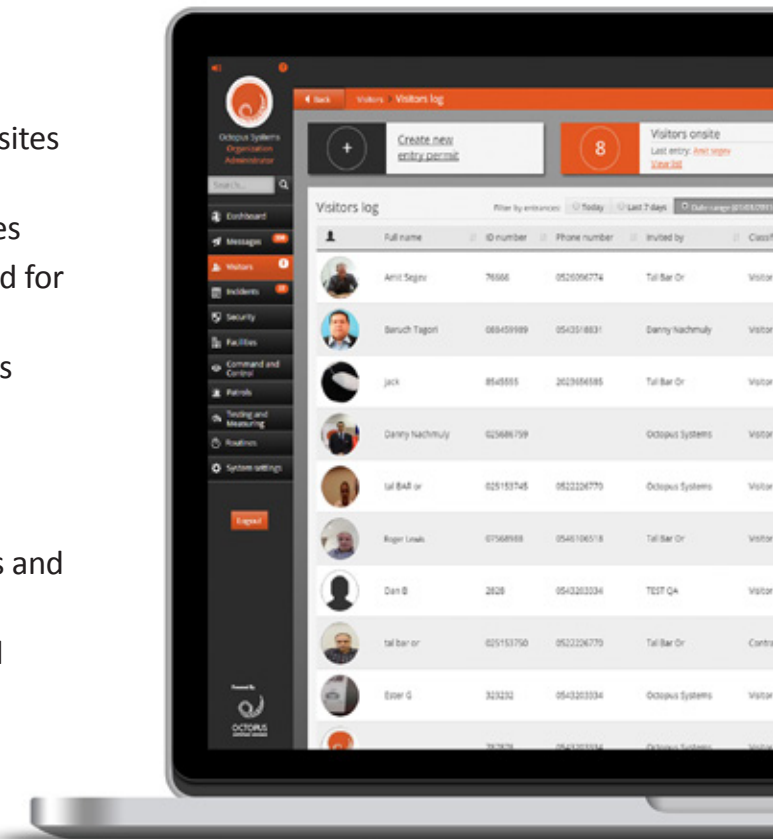
An advanced, flexible and intuitive Visitor management system for controlling the access of all Visitors, Suppliers, Contractors and Temporary Employees coming in to the organization.

- Hosted on the Cloud, utilizing encrypted communications, enabling a unified database and multi-sited visitor's system.
- Comprehensive, intuitive and streamlined visitor enrollment process and user experience.
- Comes with dedicated hardware but can also work without any hardware - utilizing the system's smartphone app.



VISITOR'S MANAGEMENT SYSTEM MAIN FEATURES:

- Web based, cloud-enabled, supporting multiple sites on one DB
- Organizational web portal - for inviting employees
- Dedicated mobile app - for reception security and for employees to invite
- Multiple level of authorization - for sensitive sites
- Kiosk stand-alone mode - for self service
- Organizational meeting calendar
- Vehicle control and fleet management
- Digital signing and saving of organizational terms and conditions
- Management of temporary employees Time and Attendance - including interface to salary system
- Integration with Access control, LPR, Gates and Turnstiles systems
- Integration with ERP systems for salary and vendor data interface
- Integration with Background checking systems - for receiving criminal record and watch list



OPTIONAL HARDWARE:

- Multi-language ID scanner
- Rugged kiosk tablet
- Handheld barcode scanner
- Badge/label printer
- Gate/turnstile controller with barcode reader



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THE NEXT GENERATION OF COMMAND & CONTROL

The screenshot displays the OCTOPUS web interface, which is designed for command and control. The top navigation bar includes links for 'Full screen', 'Create new incident', 'Ask for guards location', 'Send alarm', 'Order of emergency actions', 'Send an audio message', 'Compose', and 'Phone book'. The main dashboard shows a list of incidents with columns for status (e.g., 'new', 'confirmed'), priority (e.g., 'Critical', 'High', 'Medium', 'Normal', 'Low'), and source (e.g., 'Access Control 31', 'DLP system', 'McAfee').

The 'Panic button activated by Joe Smith' incident is highlighted, showing details such as the source name, incident address, and incident details. A 'Confirm incident' button is visible. The incident report section provides instructions on how to handle the incident, including contacting the person who activated the panic button and determining the nature of the incident. A list of related SOPs (Standard Operating Procedures) is also provided, including 'Facility intrusion', 'Violence between workers / visitors', 'Medical', 'Bomb threat', 'Accident at work', 'Suspicion of theft', 'Fire', and 'SOPs list'.

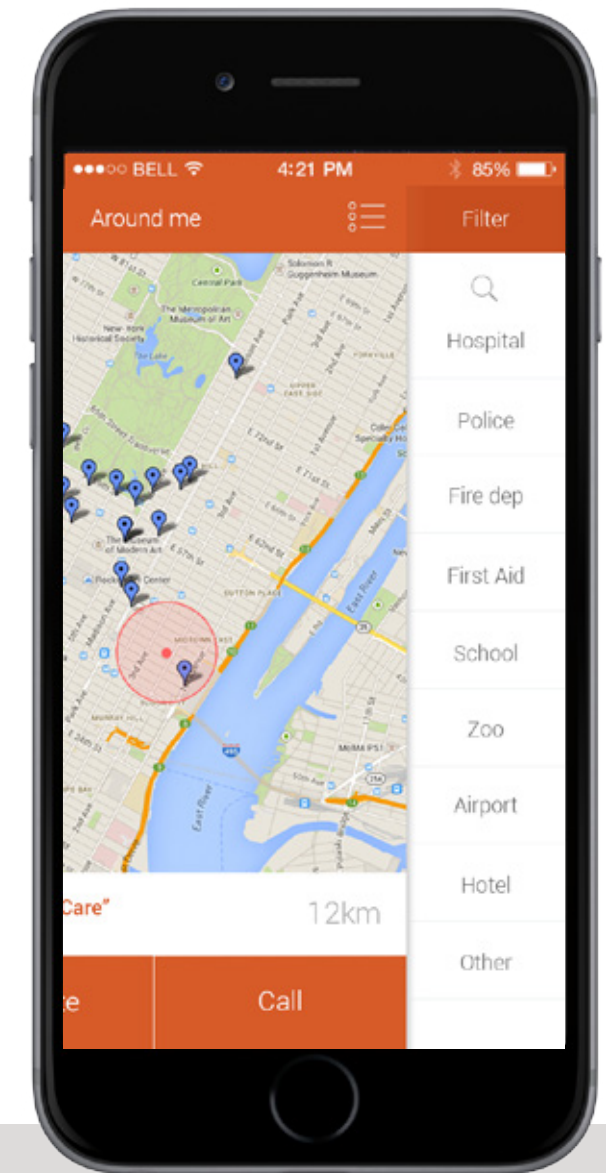
The interface also features a GIS map showing the location of the incident, with a callout for 'Jason Smith Officer'. Below the map, there is a section for 'Cameras' displaying a grid of live video feeds from various locations.



THE ADVANTAGES OF THE OCTOPUS PSIM

- Unified common operational picture for the security and safety situation landscape
- One-stop-shop for all the Security, Safety, Cyber and Operational needs of the organization.
- Converged correlation between Physical and Cyber security.
- Manage events remotely outside of the command center in case of an emergency situation or a need of a mobile command post.
- Communicate with all security forces, first responders, emergency agencies, operational functions and organization employees with one mobile application. Leverages existing mobile phone, saving costs.

- Cloud enabled web based system, secure and easy to install, implement and maintain, reducing the costs and dependencies on costly IT infrastructure and personnel. Available any time - anywhere.
- Drives compliance and regulation conformity, with emergency protocol management and routine management, utilizing the competence and mobile reporting features.
- Mitigate operational Risk through the performance, monitoring & risk management module.
- Reduce safety incidents with Safety Management System for routine and emergency.
- Security Intelligence - real time risk analysis and correlation of external criminal, government or organizational data sources, open source intelligence and social media, for intelligent security decision making and threat dissemination.
- Future proof - supports integration with the next generation of cloud based video and security systems and connection to internet of things IoT devices.





OCTOPUS CUSTOMER SOLUTIONS

- **Integrated PSIM system:** for public and private organizations, sites and critical facilities.
- **Crisis Management & Emergency response:** Emergency agencies, 911, Government agencies and Municipalities. Computer aided dispatch and Interface with crime and government data sources.
- **Private security protection service platform:** securing facilities, sites and people - route allocation, tracking, distress signaling, incident reporting, mobile video sharing, monitoring remote sites cameras and alarms.
- **Smart city & Safe city platform:** streamline the management of all city assets & infrastructure, integrate to security cameras, sensors, telemetry, power & water meter data; engage with city residents & city staff - automate processes, deploy mass notification, application engagement, hazard reporting, safety, payments, etc.
- **Cyber event management system:** allowing integration to all of the organization's information security, network, firewall, anti-virus, domain protection system, for cyber event logging, SIEM, cyber incident management, information security routine and emergency protocols for efficient management of all organizational cyber security methodology.
- **Visitor's & Supplier management:** to Private and Government buildings and facilities. Including hardware, mobile application, stand-alone kiosk, a web portal invitation site. Integration to LPR, gates, background check systems, etc.
- **Building management and maintenance operations:** for sites and organizations, integrating to building systems. Allows residents to report on problems via application and allowing to dispatch operational staff and maintenance, including tasking, asset management, mobile reporting, etc.
- **Risk, Compliance and Safety management:** for private & government organizations - regulation and compliance protocols, reporting via mobile app terminal, monitor organizational performance indicators (KPIs) and schedule routine safety checks.



OCTOPUS VERTICAL MARKETS

- **Government and municipality:** Safe City, government departments, Law enforcement agencies & Emergency response.
- **Transportation:** Sea Ports, air ports, trains and bus stations, fleets and road monitoring.
- **Utilities:** Water, power, cable infrastructure, Oil & Gas
- **Enterprise:** Buildings, multi sited organizations and chains, hotels, shopping malls and Factories.
- **Health care and Hospitals.**
- **Financial Institutes:** Bank chains and insurance companies.
- **Critical infrastructure:** Army bases, hospitals, education centers, chemical plants, mining & nuclear sites.
- **Private Security companies.**

*OCTOPUS PSIM takes you
into the Cloud*





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