



SAFE STATE

Enabled by Cisco Smart+Connected Safety and Security

Add a Force Multiplier to your Security Team

The mayhem in Mumbai during 26/11 is but an exclamation mark within the larger public safety challenges faced by India today. The insidious, planned nature of terrorist attacks in some of our largest cities must be taken as a clarion call for a more systematic approach to the protection of our public infrastructure and our people. It is here that technology can make a significant difference in helping protect life and improve effectiveness of incident detection.

A safety and security technology solution built on the bedrock of a robust, secure network can be a true force multiplier. By weaving together siloed elements of a public security system – including video surveillance platforms, screening and other security devices, wireless/wireline/radio communication systems, and even public announcement boards – a networked platform can enhance the value and role played by each of these elements in restoring peace and order.

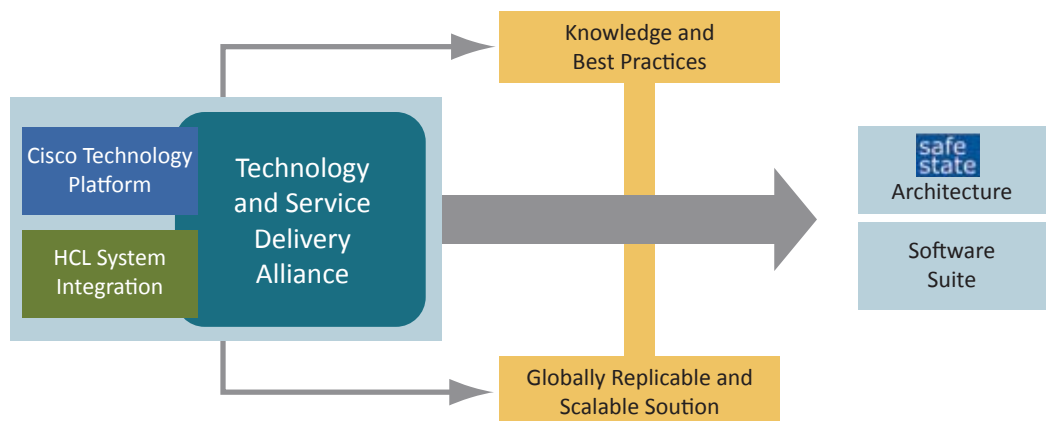
Making a 'Safe State'

HCL and Cisco are working to enable HCL's SAFE STATE, an indigenous security framework that is focused on securing the nation through technology.

The collaboration combines the strengths of Cisco's Smart+Connected Communities leadership with HCL Security's 'Safe State' architecture to design and deliver safety and security solutions. The vision of the collaboration is to combine Cisco's technology expertise and experience in network and physical security with HCL Security's market leadership to better address safety and security projects and customer requirements

Safe State, will act as a platform to enable the governments, law enforcement agencies and citizens to communicate and collaborate over an integrated network to detect, prevent, and

co-ordinate response to threats and incidents. The knowledge and best practices of HCL and Cisco have transformed the integrated security approach to offer the best of detection, protection, prevention and response approaches.





Cisco Smart+Connected Safety and Security Solutions

Cisco Smart+Connected Safety and Security solutions enhance the capabilities of emergency and security personnel by facilitating prevention, automated detection, analysis and coordinated response to incidents.

Cisco Smart+Connected Safety and Security solutions lead to:

- Automatic and unobtrusive detection and prevention
- Informed assessment, coordinated response
- Reduction in human error and time lag
- Increased effectiveness of response

These solutions include

Smart+Connected Urban Surveillance solution: The Smart+Connected Urban Surveillance solution is a systems-based approach to automatically detect and respond to any situation, to deliver the right information to the right person in the right format, at the right time. It integrates multiple sensors, video feeds, analytics, command and control, providing a platform for communications and collaboration to effectively manage safety and security situations.

Emergency Grade Network: This solution creates a robust highly available and secured network infrastructure for safety and security.

Empowered Mobile Workforce: This solution empowers mobile emergency response personnel (from police to firemen) wherever they are and makes them as effective on the street as they would be in the office.

Building Blocks for Safe State

The SAFE STATE solution operates at two levels:

- As a technology-based deterrent that can function as preemptive, early warning system during an incident
- As an integrated communications platform that enables law enforcement officials speedily respond to and monitor situations
- As a network that delivers secure connectivity end-to-end

- Intelligent traffic management systems
- In-built GIS/GPS modules allow effective communication between ground units and Command and Control Centre, enabling effective tactical management of situations

Infrastructure Security Layer: Securing Critical Infrastructures and Installations

Critical installations and city infrastructure secured with advanced solutions that use sophisticated surveillance, access control and screening systems to detect and prevent intrusions.

- Advanced screening tools that can detect concealed weapons
- Vehicle screening and logging at entry points
- Automatic barriers that deny entry to unauthorized vehicles/personnel

Enhancing Security, layer by layer

The SAFE STATE solution can be deployed in three layers

Entry / Exit Security Layer: Securing Entry Exit points of a city

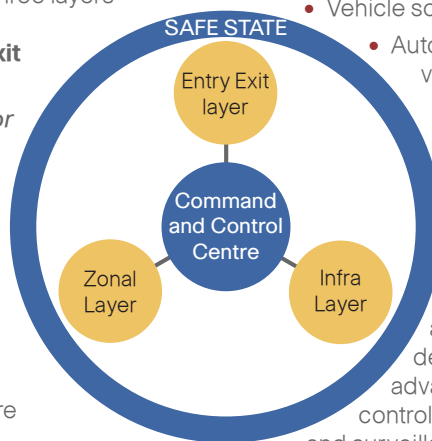
Entry/exit points of a city secured to monitor and track the movement of vehicles.

- Screening every movement across entry/exit points
- Generation of intelligence reports on vehicles and humans in transit

Zonal Security Layer: Securing Zones/Business Districts

City zones/business districts secured to ensure detection and prevention of distress situations.

- Real time monitoring and aerial surveillance systems provide response teams with intelligence reports to enable rapid action



Command and Control Centre

Command and Control Centre is the heart of the SAFE STATE project since it is the hub which integrates every component and layer to provide actionable intelligence. The Command and Control Centre will monitor activities captured by various surveillance devices. It will also enable deep integration with advanced communication modules, access controllers, baggage screeners, detectors/sensors and surveillance solutions to provide continuous intelligence inputs to work stations. This module will also incorporate a high end digital display solution that can showcase the Application Panel in full view to the monitoring authorities.

Towards a safer, more secure country for all

Deployment of HCL and Cisco solutions results in benefits for all stakeholders

Government	Corporate Sector	Investors	Citizens
<ul style="list-style-type: none"> • Enhanced public safety • Improved public image 	<ul style="list-style-type: none"> • Key assets and infrastructure safeguarded • Business continuity ensured 	<ul style="list-style-type: none"> • Secure environment attracts greater investment 	<ul style="list-style-type: none"> • Safe environment translates into a better quality of life for everyone

With SAFE STATE, Cisco and HCL are committed to helping build safer, more secure communities for everyone!