



## OVERVIEW

**suretrak** comprises two components – Monitor and Manager.

**suretrak** Monitor is a platform that continuously performs system health checks by silently monitoring network traffic between one or many ICOMS Connection Manager and API Gateway environments. Issues can be alerted to support staff by a variety of means that fit with your operations function.

The application uses proven and established open source Java technologies and adheres to industry standards. It is written to Java JDK 1.6+ and can be deployed on a variety of server types. **suretrak** Monitor is able to dynamically “discover” the network topology between:

- Each Connection Manager and each ICOMS API Gateway and
- Each API Gateway and each ICOMS Environment.

The optional Alert mechanisms provide configurable notification methods by which issues can be immediately delivered to service support staff:

- Intranet SNMP message
- email message
- SMS text message
- Custom built to your requirements

Connection status can be displayed via the intuitive GUI of **suretrak** Manager with visual red/green status indicators. Drill-down capability provides support technicians with the ability to quickly determine points of failure. This application will run on industry standard Tomcat and GlassFish web servers and can co-exist on the same physical server as the **suretrak** Monitor.

## OPERATING PLATFORM

- Sun Solaris Version 9.x and 10.x
- Windows Server 2003+
- Linux supporting Java JDK 1.6+

## ARCHITECTURE

- 100% Java JDK 1.6 based
- Browser based GUI

## APPLICATION SERVER (for **suretrak** Monitor)

- Tomcat
- GlassFish

## **suretrak** Manager

- Start and Stop **suretrak** Monitor
- GUI display of Connection Manager, API Gateway and ICOMS environments status
- Red/Green (dead/alive) status indicators for each node

## ALERT MECHANISM

- SNMP 1.0 or 2.0 message
- email message and/or
- SMS text message and/or
- Custom build

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