

# GCK3.0

## Next-Generation Platform for Enterprise-Wide Communications

Smart Automation • Site-Wide Paging • Audio • Video • Emergency Evacuation • Digital Signage • System Control



Browser-Based Architecture



Network Audio



Live or Pre-recorded Announcement Delivery



Intelligent Announcement and Bell Scheduler



Mobile Device Integration



Smart Automation



Building and Site-wide Paging



Emergency Evacuation



Visual Notifications



Background Music



VoIP Integration



Speech Privacy

### Features

- Smart Automation for Scheduled or Triggered Pre-Recorded Announcements
- Efficient Building and Site-Wide Paging
- Best and Most Proven Mass Notification & Emergency Evacuation
- Controls and Monitors a Facilities Paging, Audio, Video, and Digital Signage Endpoints
- Manages Thousands of Analog and IP Endpoints over LAN or WAN
- Provides Supervision and Logging for all Associated End-Point Devices
- NeverMISS™ Smart Announcement Technology
- Multiple User Programmable Access Levels
- Collaborate with 3rd Party Systems such as Access Control Systems or Fire Alarm
- Common Alerting Protocol (CAP) Compliant

### General Description

GCK3.0 is an enterprise-class control application used to manage GLOBALCOM® and GLOBALCOM.IP® communication systems. It is hosted on an Announcement Controller (ACS™) hardware and incorporates a browser-based architecture for multiple device support. GCK3.0 is designed to provide easy management of an entire enterprise announcement and broadcast system. It unifies messaging by converting real-time different media types into one user interface for facilities like airports and transportation hubs as well as factories, warehouses, corporate offices, schools, and many other types of installations where functions including paging, emergency notification, visual wayfinding, and background music are required.

GCK3.0 is powerful enough for any installation size, and provides critical notifications and uncompressed high-performance audio leveraging your single enterprise class network architecture. GCK3.0 dynamically chooses which devices are being used and provides the highest definition audio based upon their capabilities. IP endpoint auto discovery and deployment expandability without service interruptions.

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### DIRECTOR® Custom System Management Application

A system management application that provides a comprehensive application-specific interface to GCK3.0. DIRECTOR® simplifies system operation through an intuitive and fully customized graphical user interface (GUI). DIRECTOR® is the ideal addition to your GLOBALCOM® system for system management and directional wayfinding in complex facilities such as mass transportation systems, corporate complexes, industrial facilities, education campuses, and retail centers.

### GDS-4W™ Enterprise-Grade Digital Signage

A powerful digital signage hardware and software addition to a GLOBALCOM® system that adds enterprise-grade digital signage to a GLOBALCOM.IP® system. It leverages HTML5 technology allowing easy administration using any web browser to design and broadcast generated content. With GDS-4W™, facilities can visually engage students, customers, employees, and visitors across displays, desktops, webpages, and mobile devices throughout a building. Digital signage reinforces brand messaging, delivers timely information, fosters collaboration, and keeps people engaged.

### Supported Devices:

- AtlasIED VoIP Loudspeakers
- AtlasIED Digital Communication and Paging Stations
- AtlasIED Network Power Amplifiers
- AtlasIED Message Servers
- AtlasIED GDS-4W™ Compliant Digital Signage Media Players
- AtlasIED IP-to-Analog Audio Controllers (Gateways)
- AtlasIED Analog Amplifiers and Loudspeakers
- Visual Alert Displays
- Third Party VoIP & SIP Devices
- CobraNet® Enabled AoE Devices
- Audinate® Dante™ Enabled AoE Devices

Screenshot of Calendar Features



Screenshot of Announcements and Output Overview



Screenshot of Device Overview



Screenshot of Zone Groups



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### Architect and Engineer Specifications

The Next Generation Software Suite for Enterprise-Wide Unified Communication shall provide a means to control hardware responsible for Site-Wide Paging, System Control of Audio and Video Messaging and Emergency Notification. The software will effectively unify and act as the primary control, of a network based solution that combines Public Address and Visual Messaging Systems to provide Central Control of, Live or Pre-Recorded Message Delivery, Intelligent Announcement and Bell Scheduling, Background Music, Visual Notification, Speech Privacy Systems, VoIP Telephone integration and notification to mobile devices and other information systems. The software suite shall be capable of supervision and monitoring of all system functions and to report hardware failures and status to a central console to act as a system watchdog.

The software suite shall feature a browser based architecture to provide an interface configurable via any computer on the local network capable of running Microsoft Silverlight® Run-time plugin, and accessing the integrated web page, via Microsoft Internet Explorer™ or compatible web browser for remote control and configuration.

The Integrated Communications Suite shall manage the routing and control of multiple end points to include Digital Communications Stations, Visual Message Controllers and Displays, Networked Power Amplifiers, VoIP Loudspeakers and Zone Controllers, Network I/O interfaces and External Notification Systems.

VoIP (Voice over Internet Protocol) Telephone Systems are supported via SIP and PBX Trunking and shall allow the integration of Industry Standard 3rd party FXO gateway devices, external I/O devices and multiple digital codecs to include G.711, G.722. and RTP. Dante™ and CobraNet Audio® are supported for Digital Audio.

The Software Application shall support Multiple Users and User Groups with the ability to limit system control and management via username and password management. The software shall provide for on and off-site control of systems and provide a vehicle for 3rd party integration with other systems and applications via Contact Closure, SCADA, Logic Interface, XML, CAP and other network protocols.

Warranty shall be for 3 years available for extension under the Terms of an IED Platinum or Modified Platinum Assurance Plan. Software Maintenance and License is for 1 year and can be extended for the term of use.

The Next Generation Software Suite for Enterprise-Wide Unified Communication shall be GLOBALCOM IP GCK3.0.