

# GCK

*Next-Generation Platform for Enterprise-Wide Communications*



## Features

- GLOBALCOM® Device Discovery, and Management
- Dante™ or CobraNet® Controller Support
- Scheduled or Triggered Event Management
- Calendar and Bell Scheduler
- EQ and Ambient Noise Analysis Configuration
- Paging Control and Monitoring
- IPX Endpoint Management over LAN or WAN
- Supervision and Event Logging
- SNMP and Email Notifications
- Multiple User Programmable Access Levels
- Access Levels Integrate with Active Directory
- VoIP Integration (SIP, PBX Trunking, FXO Gateways) using G.711a (PCMA), G.711u (PCMU), or G.722
- Live, Pre-recorded, Store and Forward Message Playback
- Offline Configuration Mode
- Visual Paging Output Interface via HTTP, MSMQ, MQTT, UDP

## Applications

- Airports
- Industrial
- Mass Transit
- Corporate
- Educational

## General Description

GCK is an enterprise-class control application used to manage all GLOBALCOM® controller systems. It is a standalone Windows application designed to provide easy management of an entire enterprise announcement system.

GCK unifies messaging into one user interface for facilities like airports or other transit systems 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. GCK integrates with other systems such as access control systems and fire alarm systems using GPIO devices or network triggers.

GCK is a powerful platform suited for any installation size and provides critical notifications leveraging your single enterprise class network architecture.

## Supported Plugins

- UDP, HTTP, SNPP (Sockets), MSMQ, SOAP Interfaces
- CAP (Common Alert Protocol)
- VisDID® (ADA Title II Compliant)
- GLOBALCOM®.Flight
- Director® Custom System Management Application
- S.A.F.E.™ (Smart Alerts for Emergencies)
- GDS4W™ Digital Signage
- Text-to-Speech (30+ Languages)

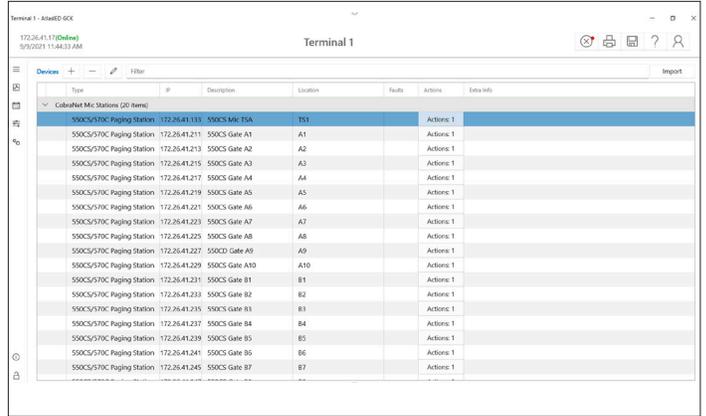
## Operating System Requirements

- Windows 10, Versions 1809 or greater
- Windows 11
- Windows Server 2019

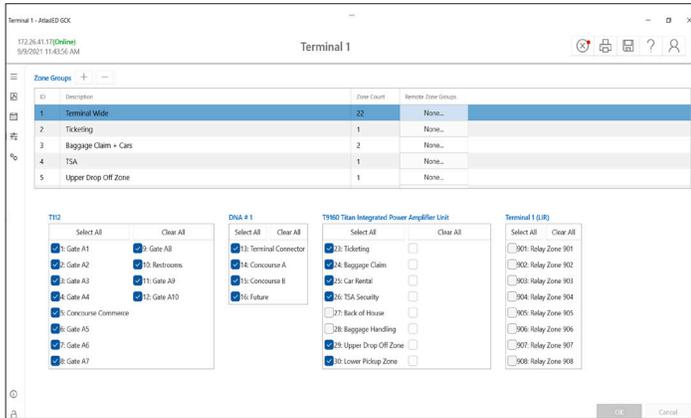
## Screen Shots



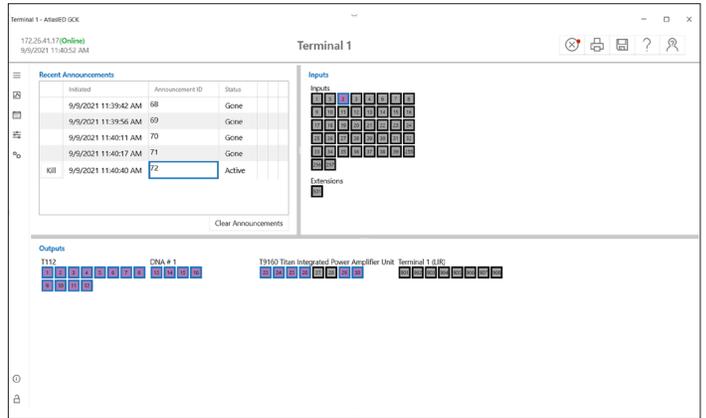
Launcher



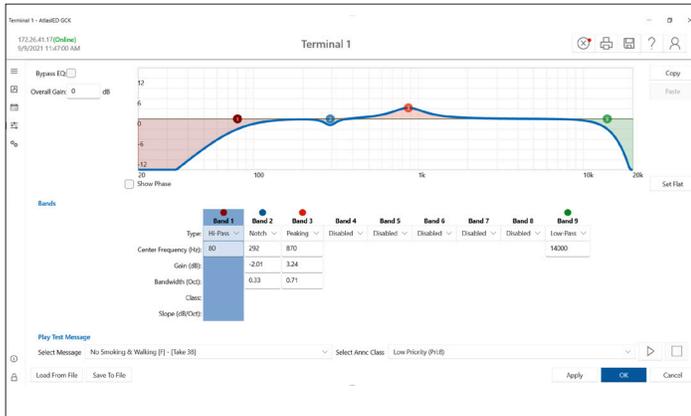
Device Configuration



Zone Group Configuration



Zone Group Status



EQ

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## Architect and Engineer Specifications

The GLOBALCOM® control system software shall provide a means to control hardware responsible for system-wide paging and system control for of audio and video messaging and emergency notification. The software will effectively 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, bell scheduling, background music, visual notification, VoIP telephone integration and notification to mobile devices and other information systems.

The software 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 shall be a stand-alone Windows application to provide an interface configurable via any computer on the local network running Microsoft Windows 10 or Windows Server 2019.

The software shall manage the routing and control of multiple endpoints to include digital communications stations, visual message controllers, visual message displays, networked power amplifiers, VoIP loudspeakers and zone controllers, network I/O interfaces, and external notification systems. VoIP 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. The software shall support Dante™ and CobraNet® network audio protocols.

The software shall manage multiple users and groups with the ability to limit system control and management via username and password. The software shall provide for on and offsite control of systems and provide a vehicle for 3rd party integration with other systems and application via GPIO for contact closure or logic relay, UDP, HTTP, MSMQ, SOAP, or other network protocols. The software shall be CAP (Common Alert Interface) compliant. The software shall be SNPP compliant.

Warranty shall be for 3 years available for extension under the terms of an AtlasIED Assurance Plan. Software maintenance license is for 1 year and can be extended for the term of use. The GLOBACOM® control system software shall be GCK.