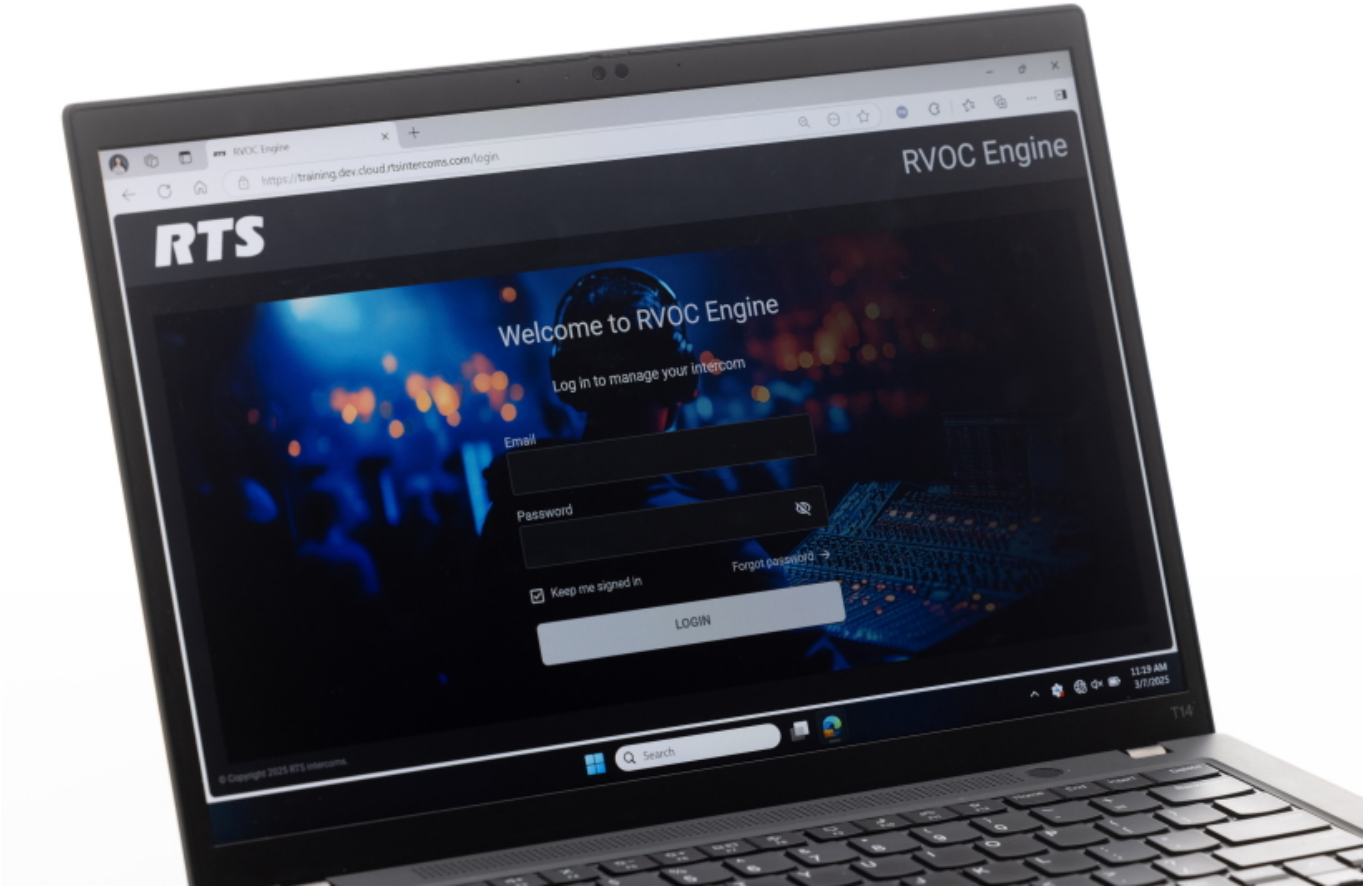
RTS RVOC



RTS Intercoms, a company with expertise in communication technology, announces the launch of RVOC (RTS Voice Over Cloud) - a cutting-edge, cloud-based intercom solution engineered to revolutionize communication in mission-critical industries, including broadcasting, live events, corporate enterprise and healthcare.

RVOC is a first-of-its-kind solution that delivers the power of scalability, mobility and security without the constraints of traditional intercom systems. Built on Amazon Web Services (AWS), RVOC operates as an Infrastructure as a Service (IaaS), allowing organizations to deploy and scale effortlessly in their own AWS environment using Infrastructure as Code (IaC) through AWS CloudFormation templates.

Key Features & Benefits of RVOC

- Centralized Control - Unifies communication operations across multiple locations with a cloud-based command center.
- Seamless Integration - Works effortlessly with existing RTS intercom systems, including ODIN, KP series keypanels, and RVON networks, enabling a hybrid transition from traditional to cloud-based intercom.

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- Scalable, Non-Blocking Ports - Supports up to 2,400 non-blocking ports, ensuring uninterrupted communication in the most demanding environments.
- Real-Time Mobile Connectivity - The RVOC Edge mobile app transforms any smartphone into a virtual KeyPanel, allowing remote teams to stay connected via WebRTC-based communication for instant collaboration.
- Enterprise-Grade Security - Powered by end-to-end encryption, RVOC guarantees secure communications, addressing critical data privacy concerns in cloud-based solutions.

RVOC (RTS Voice Over Cloud) is a cloud-based intercom solution delivering scalability, security, and real-time communication for mission-critical industries. Built on AWS, it operates as an Infrastructure as a Service (IaaS) with Infrastructure as Code (IaC) for effortless deployment. Supporting up to 2,400 non-blocking ports, RVOC integrates with RTS hardware like ODIN, KP series keypanels, and RVON networks. WebRTC-based connectivity enables low-latency, cross-platform communication, while advanced encryption and authentication ensure security. The RVOC Edge mobile app functions as a virtual keypanel, allowing seamless collaboration from anywhere. With cloud-based controls, REST API support, and automated deployment, RVOC is a future-ready intercom solution.

Key Features & Benefits

- Scalable Architecture - Supports up to 2,400 non-blocking ports, with AWS-powered elastic scalability.
- Seamless Integration - Fully compatible with RTS ODIN, KP series keypanels and RVON networks, ensuring a smooth transition from traditional intercom systems.
- Real-Time Mobile Connectivity - The RVOC Edge mobile app turns any smartphone into a virtual KeyPanel, operating over Wi-Fi, 4G, 5G, and private networks.
- Enterprise-Grade Security - End-to-end encryption, MFA authentication, and GDPR/HIPAA compliance ensure data integrity and privacy.
- Cloud-Based Management - A web-based dashboard enables remote monitoring, configuration and software updates with minimal downtime.
- Low-Latency Performance - WebRTC-based communication optimizes audio quality, network efficiency and echo cancellation for uninterrupted collaboration.
- Rapid Deployment - AWS CloudFormation templates allow organizations to set up RVOC in minutes, reducing hardware dependencies and deployment time.

Whether managing a live global broadcast, coordinating multi-venue events, or streamlining enterprise operations, RVOC redefines how teams communicate. With seamless integration, cloud-based flexibility, and real-time mobile connectivity, RVOC empowers organizations to stay ahead in an increasingly fast-paced, distributed world.

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