

## RVOC Cloud Intercom



RTS Voice Over Cloud (RVOC) offers the flexibility and scalability essential for adapting to the changing needs of sports, news productions, live events, and multi-location projects. It plays a vital role in facilitating real-time collaboration and coordination, enabling teams to share updates, receive instructions, and manage live cues seamlessly.

The RVOC Voice Over Cloud comprises three key components that must be carefully implemented, installed, and maintained:

- RVOC Elevate: designed to create and manage organizations, users, and licenses for your intercom system.
- RVOC Engine serves as the core of the intercom system, delivering flexibility and scalability while ensuring secure operations in the cloud.
- RVOC Edge turns your smartphone into a portable key panel, enabling you to manage intercom communications from anywhere using cloud technology.

RTS Voice Over Cloud is designed to grow alongside your needs, providing unparalleled scalability that adapts to your evolving requirements. This flexibility allows you to optimize operational efficiency, ensuring you only pay for what you need while remaining ready for future growth.

Built on AWS, RVOC ensures high availability and minimal downtime, guaranteeing that your communications are always clear and consistent. With advanced encryption and redundancy measures in place, you can trust that your conversations will remain reliable and secure.

- ▶ Supports up to 2,400 non-blocking ports
- ▶ Ensures high availability and reliability through Amazon AWS services
- ▶ Connects to iPhone and Android devices via RVOC EDGE
- ▶ Provides secure and reliable communication
- ▶ Deep Integration with RTS hardware and software (ODIN, KP series, DBP, DSPK, AZedit, IPedit, NEO)

### Parts included

Quantity	Component
1	E-mail with license generation.

### Technical specifications

RVOC Engine is offered as Infrastructure as a Service (IaaS) deployed on AWS.

RVOC Engine is available as a standalone cloud intercom, as well as a Hybrid intercom with existing RTS hardware-based matrices like ODIN and ADAM.

- RVOC Engine supports connection to iPhone as well as Android phones via the new and easy to use RTS Mobile App called RVOC Edge.
- The connections are WebRTC based and supports encryption.
- RVOC Engine supports connection to existing KP-series family, DBP, and DSPK which support RTS RVON functionality.
- RVOC Engine supports all the traditional Intercom Functionality like Point-to Point, Party Lines, IFB's , Special Lists.
- RVOC Engine is interoperable with the patented RTS Intelligent Trunking System
- Cloud deployment is available via AWS's CloudFormation template.
- Configuration of the RVOC Engine and RVOC Edge is available via AZedit, IPedit and Neo.

## Licensing

The RVOC licensing model is duration-based, giving you complete control over how long your license remains valid.

- You can specify the exact number of days for which the license is active, allowing you to tailor your usage to fit specific project timelines, such as short-term events or seasonal productions.
- You have the option to choose between standard licensing and high availability licensing, ensuring that you can select the level of service that best meets your needs.

Type	Description
Standard	<p>The Standard model focuses on basic operational functionality using a single instance of RVOC Engine.</p> <ul style="list-style-type: none"> <li>No fail over security</li> <li>The system continuously monitors health and performance to identify and address potential issues before they lead to downtime.</li> </ul>
High Availability (HA)	<p>The High Availability (HA) model's primary goal is to provide continuous service availability. High availability is another feature that can be added on top of the AWS S3 module to guarantee the highest availability by eliminating single-point-of-failure (SPOF) and providing continuous service availability.</p> <ul style="list-style-type: none"> <li>The system automatically fails over when it detects an issue, such as AWS EC2 instance not available or application failure.</li> <li>It supports deployment across two zones within the same region.</li> <li>The system continuously monitors health and performance to identify and address potential issues before they lead to downtime.</li> </ul>

The following tables show the various RVOC licenses categorized by duration, number of seats, and high availability status. Each license is available in daily, weekly, monthly, and yearly durations, with seat options ranging from 10 to 75. Notably, licenses with high availability are indicated with an "X," highlighting that several options at each seat level (10, 25, and 75) are available for daily, weekly, monthly, and yearly durations. Additionally, you have the flexibility to mix and match licenses, ensuring you can customize your setup to best fit your system's needs.

### Daily

# of Seats	High Availability	License
10		RVOC IaaS-DY-S-ST

# of Seats	High Availability	License
10	X	RVOC IaaS-DY-S-HA
25		RVOC IaaS-DY-M-ST
25	X	RVOC IaaS-DY-M-HA
75		RVOC IaaS-DY-L-ST
75	X	RVOC IaaS-DY-L-HA

### Weekly

# of Seats	High Availability	License
10		RVOC IaaS-WK-S-ST
10	X	RVOC IaaS-WK-S-HA
25		RVOC IaaS-WK-M-ST
25	X	RVOC IaaS-WK-M-HA
75		RVOC IaaS-WK-L-ST
75	X	RVOC IaaS-WK-L-HA

### Monthly

# of Seats	High Availability	License
10		RVOC IaaS-MO-S-ST
10	X	RVOC IaaS-MO-S-HA
25		RVOC IaaS-MO-M-ST
25	X	RVOC IaaS-MO-M-HA
75		RVOC IaaS-MO-L-ST
75	X	RVOC IaaS-MO-L-HA

### Yearly

# of Seats	High Availability	License
10		RVOC IaaS-YR-S-ST
10	X	RVOC IaaS-YR-S-HA
25		RVOC IaaS-YR-M-ST
25	X	RVOC IaaS-YR-M-HA
75		RVOC IaaS-YR-L-ST

# of Seats	High Availability	License
75	X	RVOC IaaS-YR-L-HA

### Ordering information

#### RVOC Cloud Intercom

RVOC Voice Over Cloud consists of three applications; RVOC Engine, RVOC Elevate, and RVOC Edge .  
Order number **RVOC Cloud Intercom**

#### Software Options

##### RVOC IAAS-DY-M-ST RVOC IaaS Daily Medium STND License

Standard RVOC daily license, 25 seats  
Order number **RVOC IAAS-DY-M-ST | F.01U.434.562**

##### RVOC IAAS-DY-S-ST RVOC IaaS Daily Small STND License

Standard RVOC daily license, 10 seats  
Order number **RVOC IAAS-DY-S-ST | F.01U.434.558**

##### RVOC IAAS-MO-M-ST RVOC IaaS Monthly Medium STND License

Standard RVOC monthly license, 25 seats  
Order number **RVOC IAAS-MO-M-ST | F.01U.434.564**

##### RVOC IAAS-MO-S-ST RVOC IaaS Monthly Small STND License

Standard RVOC monthly license, 10 seats  
Order number **RVOC IAAS-MO-S-ST | F.01U.434.560**

##### RVOC IAAS-WK-M-ST RVOC IaaS Weekly Medium STND License

Standard RVOC weekly license, 25 seats  
Order number **RVOC IAAS-WK-M-ST | F.01U.434.563**

##### RVOC IAAS-WK-S-ST RVOC IaaS Weekly Small STND License

Standard RVOC weekly license, 10 seats  
Order number **RVOC IAAS-WK-S-ST | F.01U.434.559**

##### RVOC IAAS-YR-M-ST RVOC IaaS Yearly Medium STND License

Standard RVOC yearly license, 25 seats  
Order number **RVOC IAAS-YR-M-ST | F.01U.434.565**

##### RVOC IAAS-YR-S-ST RVOC IaaS Yearly Small STND License

Standard RVOC yearly license, 10 seats  
Order number **RVOC IAAS-YR-S-ST | F.01U.434.561**

##### RVOC IAAS-DY-L-HA RVOC IaaS Daily Large HA License

High Availability RVOC daily license, 75 seats  
Order number **RVOC IAAS-DY-L-HA | F.01U.434.601**

##### RVOC IAAS-DY-L-ST RVOC IaaS Daily Large STND License

Standard RVOC daily license, 75 seats  
Order number **RVOC IAAS-DY-L-ST | F.01U.434.589**

##### RVOC IAAS-DY-M-HA RVOC IaaS Daily Medium HA License

High availability RVOC daily license, 25 seats  
Order number **RVOC IAAS-DY-M-HA | F.01U.434.597**

##### RVOC IAAS-DY-S-HA RVOC IaaS Daily Small HA License

High availability RVOC daily license, 10 seats  
Order number **RVOC IAAS-DY-S-HA | F.01U.434.593**

##### RVOC IAAS-MO-L-HA RVOC IaaS Monthly Large HA License

High availability RVOC monthly license, 75 seats  
Order number **RVOC IAAS-MO-L-HA | F.01U.434.603**

##### RVOC IAAS-MO-L-ST RVOC IaaS Monthly Large STND License

Standard RVOC monthly license, 75 seats  
Order number **RVOC IAAS-MO-L-ST | F.01U.434.591**

##### RVOC IAAS-MO-M-HA RVOC IaaS Monthly Medium HA License

High availability RVOC monthly license, 25 seats  
Order number **RVOC IAAS-MO-M-HA | F.01U.434.599**

##### RVOC IAAS-MO-S-HA RVOC IaaS Monthly Small HA License

High availability RVOC monthly license, 10 seats  
Order number **RVOC IAAS-MO-S-HA | F.01U.434.595**

##### RVOC IAAS-WK-L-HA RVOC IaaS Weekly Large HA License

High availability RVOC weekly license, 75 seats  
Order number **RVOC IAAS-WK-L-HA | F.01U.434.602**

##### RVOC IAAS-WK-L-ST RVOC IaaS Weekly Large STND License

Standard RVOC weekly license, 75 seats  
Order number **RVOC IAAS-WK-L-ST | F.01U.434.590**

##### RVOC IAAS-WK-M-HA RVOC IaaS Weekly Medium HA License

High availability RVOC weekly license, 25 seats  
Order number **RVOC IAAS-WK-M-HA | F.01U.434.598**

##### RVOC IAAS-WK-S-HA RVOC IaaS Weekly Small HA License

High availability RVOC weekly license, 10 seats  
Order number **RVOC IAAS-WK-S-HA | F.01U.434.594**

##### RVOC IAAS-YR-L-HA RVOC IaaS Yearly Large HA License

High availability RVOC yearly license, 75 seats  
Order number **RVOC IAAS-YR-L-HA | F.01U.434.604**

##### RVOC IAAS-YR-L-ST RVOC IaaS Yearly Large STND License

Standard RVOC yearly license, 75 seats  
Order number **RVOC IAAS-YR-L-ST | F.01U.434.592**

##### RVOC IAAS-YR-M-HA RVOC IaaS Yearly Medium HA License

High availability RVOC yearly license, 25 seats  
Order number **RVOC IAAS-YR-M-HA | F.01U.435.413**

##### RVOC IAAS-YR-S-HA RVOC IaaS Yearly Small HA License

High availability RVOC yearly license, 10 seats  
Order number **RVOC IAAS-YR-S-HA | F.01U.434.596**



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