



# Ovation™ Engineering Cloud

## Value

- Provides secure, on-demand Ovation control system engineering functions at anytime from anywhere
- Simplifies the development, deployment and management of Ovation system control logic and graphics
- Provides a risk-free control system engineering and testing environment without process disruption
- Increases productivity by enabling collaboration between engineering, operations and maintenance teams regardless of location



## Introduction

Making online changes to an automation system that is actively controlling and monitoring plant processes can introduce the risk of process downtime or failure. The ability to modify, test and verify control strategies or operator graphics in a safe environment that does not disrupt operations can improve productivity and performance.

A subscription to Emerson's Ovation™ engineering cloud provides secure, remote access to standard Ovation control system engineering tools, in a virtual and risk-free environment. This increases the flexibility and ease of collaboration by providing access to several users at the same time while reducing costs associated with physical equipment, footprint and maintenance.

Users can safely develop, test and validate new strategies by performing standard engineering tasks such as creating or modifying the system database, control logic and graphics without disturbing the operating process. Users have the option to start with a blank database or to upload a site backup.

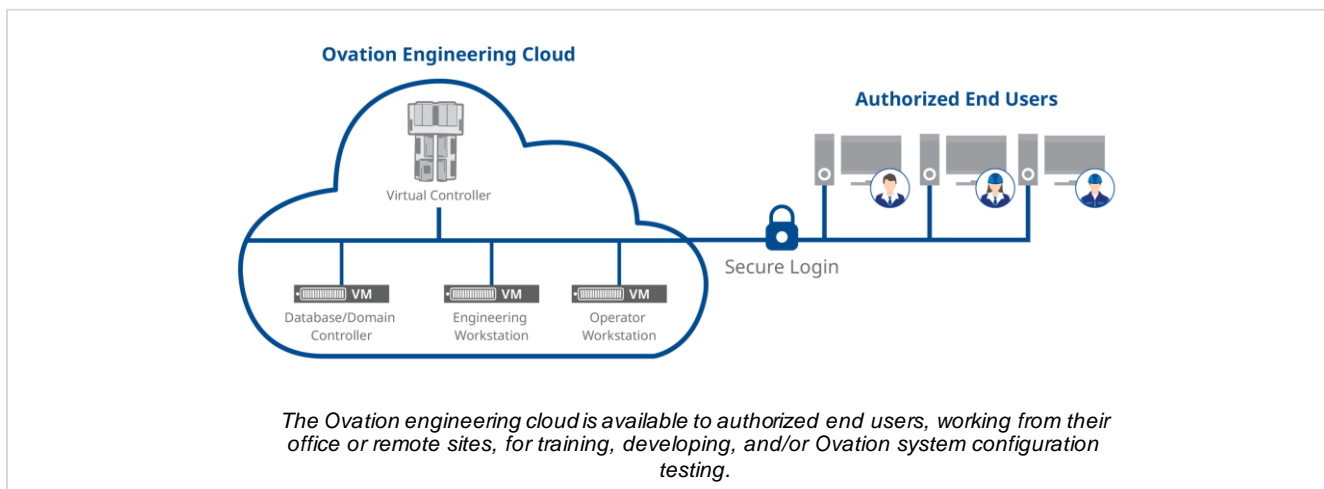
Subscribing to the Ovation engineering cloud helps to supplement limited onsite resources and reduce maintenance burdens by allowing customers to maintain and update Ovation system configurations for training, testing, or development in an easily accessible, secure cloud-based environment.

## Benefits

- **Convenient Access:** The Ovation engineering cloud can be easily accessed by designated users at one or multiple locations via a URL combined with two-factor authentication. This secure, easy-to-use solution provides accessibility from any site for development, testing and/or training needs.
- **Minimized Maintenance:** Emerson experts perform routine backups and apply Windows Operation System patches upon request to the virtual Ovation engineering cloud environment, which minimizes owner maintenance time.
- **Managed Security:** Emerson conforms to cybersecurity best practices by implementing measures to secure the networks, virtual machines and host infrastructure for the Ovation engineering cloud environment. For example, to minimize the risk of malware infection in the host environment, Emerson deploys antivirus software to all virtual machines and scanned files that are imported to the system.

## Subscription Services

Through a yearly subscription, Emerson provides management and support of the Ovation engineering cloud, infrastructure and user accounts.



Enrollment includes the following services:

- 24 x 5 support
- Ovation product support:
  - Expert technical phone support
  - Ovation engineering cloud updates
  - Operating system security update management
  - Guardian™ portal access
- 99.6% uptime and availability
- Worldwide access via URL
- System and application setup
- Optional data transfer and decommissioning when the service is terminated

## Secure Access

Secure access to your Ovation engineering cloud environment will be available via a URL combined with two-factor authentication (VPN not required).

## System Set Up

Emerson will set up the initial Ovation engineering cloud environment, which includes:

- One Ovation virtual database server (either blank or with restored plant-specific control data), one Ovation virtual engineering workstation, one Ovation virtual operator workstation and a contracted amount of virtual controllers
- Creating authorized end-user accounts according to the contracted amount
- System setup
- Verifying connectivity for each user
- Solution verified before handover

## Data Transfer

Customers can transfer plant-specific control strategy configuration files to the Ovation engineering cloud environment. Files transferred between the systems will be scanned for malware and managed appropriately.

## Service Termination

Emerson will perform the following when the subscription to the Ovation engineering cloud is terminated:

- Decommission the cloud-hosted virtual system
- Transfer the Ovation engineering cloud configuration files to the owner/customer
- Remove all customer data from the Emerson cloud-hosted environment

## Additional Services

- Emerson-supported data transfers option: Emerson can support transferring plant-specific control strategy configuration files to the Ovation engineering cloud as an additional feature in the subscription. Customers can choose between one through 10 Emerson-supported data transfers during the yearly subscription.
- Although not included with the Ovation engineering cloud, Ovation simulator services are available to fulfill all your solution needs. Contact your Emerson sales representative if you wish to learn more about these optional services, including Ovation simulator cloud and Ovation software upgrades.

## Ordering Information

Subscriptions are purchased and renewed on an annual basis. Contact your local Emerson sales office or representative for a quote.

## Requirements

- Ovation control system version 3.6 or higher
- Computer with Internet access
- Web browser (recommended Microsoft Edge, Chrome, Firefox, or Safari)
- Each subscription is specific to a single Ovation version

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