



**SIEMENS**

*Ingenuity for life*

## SIMATIC Software Platform as a Service

Cloud services to efficiently and flexibly manage your  
SIMATIC software

In increasingly dynamic markets where production requirements are more complex and innovation cycles shorter, manufacturers are exploring new technology to help gain a competitive advantage in their respective industries. Cloud computing can be considered as an important solution in this area.

Cloud computing offers a low-cost software engineering environment that lets you access virtual resources to suit your needs in a central IT infrastructure- the cloud. Many companies already use the cloud to support basic office functions, such as email and collaboration. In manufacturing settings, the cloud provides a flexible host for programming and developer tools – available on-demand and without the need for investing and maintaining computing resources locally.

### **A customized engineering infrastructure for SIMATIC software**

SIMATIC Software Platform as a Service uses this approach to provide a SIMATIC software engineering environment. Our cloud-based platform hosts pre-installed and pre-configured SIMATIC engineering software, offering a wide range of virtual machines and corresponding service packages. In particular, the engineering and commissioning phases benefit from the short-term, time-limited and flexible usage of the available resources. And you only pay for what you actually use. Our cloud platform is the ideal solution for multi-project and multi-user engineering, regardless of the users' geographical location.

### **Benefits of SIMATIC Software Platform as a Service:**

- Easy-to-use, ready-to-run engineering environment
- Uses state-of-the-art Cloud technologies for site and infrastructure-independent access
- Implement SIMATIC Software migration and upgrades from a central location and no installation required
- A demand-oriented price model reduces the investment costs to the actual use
- Simulate the entire process based on stored process engineering modules

Managed Support

Isolated Environment

Virtual Appliances

Cloud Platform

## SIMATIC Software Platform as a Service

SIMATIC Software Platform as a Service consists of a cloud-based IT infrastructure with pre-installed and fully configured SIMATIC software. The engineering environment is divided into various security zones, virtual machines and optional service packages to support SIMATIC PCS7 control systems.

### Cloud Platform

The virtual IT infrastructure in the data center of the cloud service provider provides all necessary resources, such as computing power, memory, networks, etc.

User-friendly tools are also available for managing the service.

The cloud platform provides functionally separated zones for different tasks while the service is being used.

#### Cloud Resources



### Virtual Appliances

A virtual application consists of a pre-configured operating system and the desired application software.

SIMATIC Software Platform as a Service currently offers different SIMATIC PCS 7 versions as fully configured virtual appliances.

A virtual appliance can also be adapted to individual needs during use, e.g. by installing additional software.

Customer Project App



SIMATIC SW



Windows



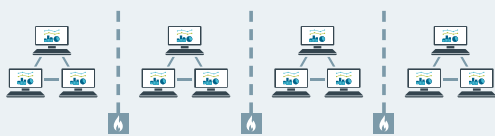
### Isolated Environment

A virtual appliance and the corresponding customer access are made available in the standard security zone as standard practice.

If the customer needs to be able to use multiple virtual appliances together and at the same time, they can be set up in an isolated environment.

The customer can set up a virtual network between the virtual appliances in this isolated security zone either on his own or with support from a Siemens expert.

#### Isolated Security Zones



### Managed Support

#### Administration

- Order execution
- Access control
- User management
- Software / template management

#### SIMATIC Remote Support

The Siemens experts in the Remote Service Center are happy to provide assistance while the service is being used and answer all questions related to the SIMATIC engineering software.

#### Remote Service Center Experts



To get started or to learn more about how SIMATIC Software Platform as a Service can help your plant and resources, contact us at 800.33.7421.

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