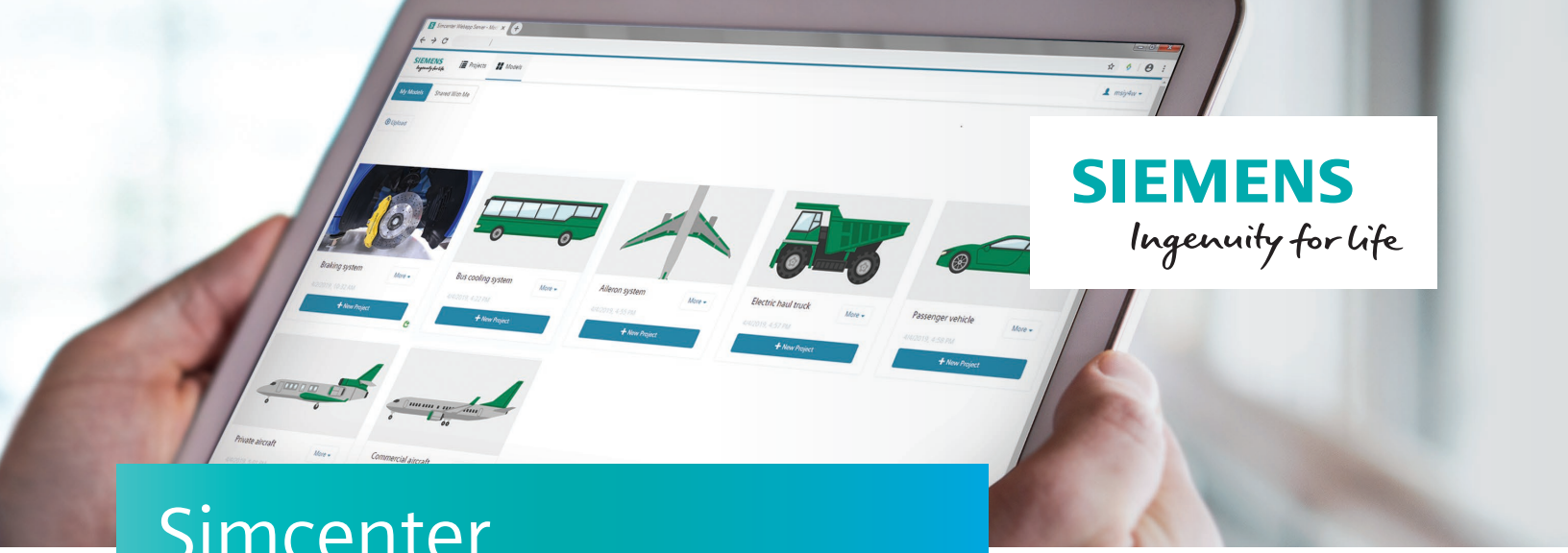


SIEMENS
Ingenuity for life

Simcenter Webapp Server

Deploy system simulation throughout the enterprise

Benefits

- Facilitate access to system simulation power
- Share system simulation models with new end-users and non-engineering departments
- Run simulation from your company's server and from any device
- Define a tailored web view of parameters and variables for your end-users

Features

- Web-based access to specific simulation results for end-users
- Store and share models, and run simulations through onsite server
- Predefined system model parameterization in web graphical user interfaces
- Supports Simcenter Amesim models
- Access rights management
- Plot capabilities to observe relevant results

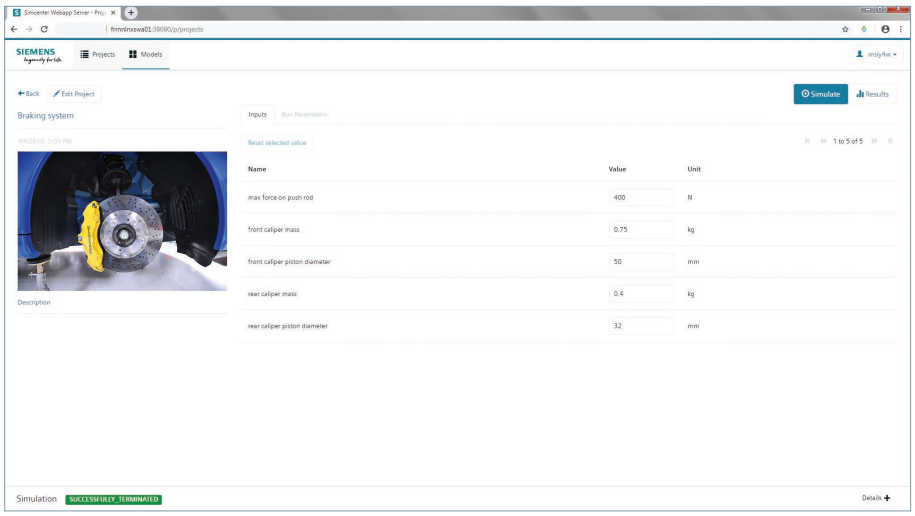
Summary

As the development process evolves, system simulation is a requirement for the design process. In addition to simulation experts and advanced users, an increasing number of project engineers and technical salespeople need access to system simulation models. Without access to a Simcenter Amesim™ software desktop, those project engineers and technical salespeople need to run system simulation models to share predictive information with their customers.

Siemens Digital Industries Software's Simcenter™ Webapp Server software offers a cost-effective, easy-to-use, zero-installation solution. This server-client, web-based solution provides access to simulation results relevant to simulation model consumers thanks to predefined model parameterization.

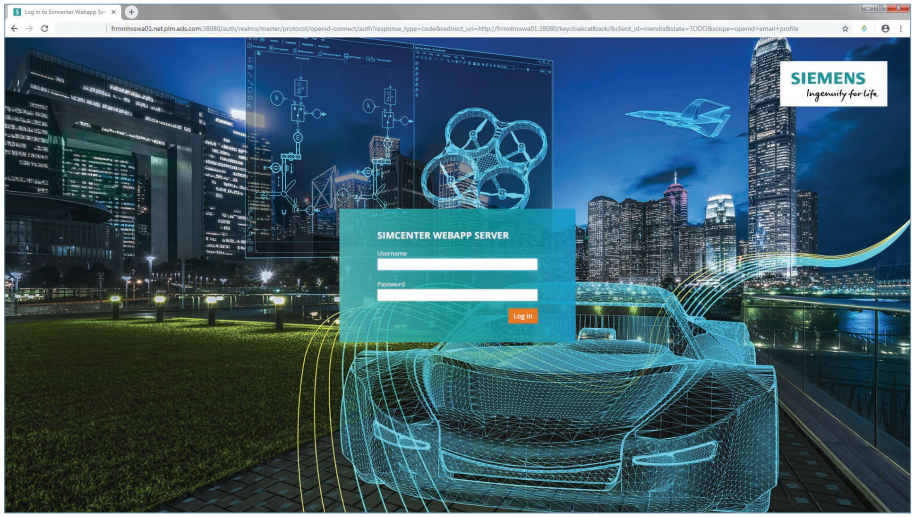
From simulation experts to project engineers and technical sales staff

The model author prepares a model by defining which parameters and variables are accessible through Simcenter Webapp Server. This is done by using the watch parameters and variables which are standard Simcenter Amesim features. No additional Simcenter Amesim capabilities are needed to prepare a model for Simcenter Webapp Server. The model author simply uploads the model to the server and shares it with end-users directly through the Simcenter Webapp Server web interface.



Simcenter Webapp Server

Each end-user receives secure access to a dedicated web app through a log in and password, allowing them to parameterize and run the model. The user can provide information on the performance of mechatronic products to his customers no matter their location or devices, and the models are stored on the server where the simulation is run. Users can display temporal plots of the results and export them into Excel spreadsheet software.

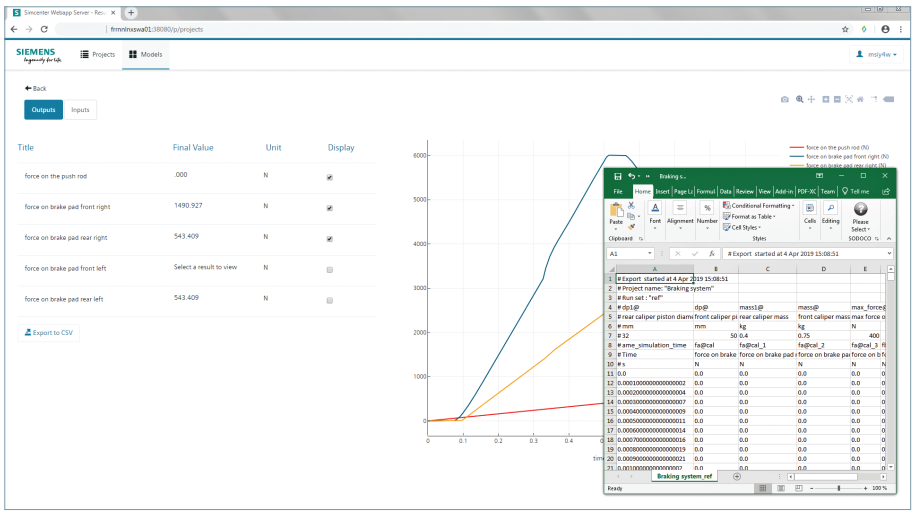


Intellectual property protection

Simcenter Webapp Server is installed on company premises, meaning that the models and corresponding intellectual property never leave company infrastructure.

The installation of Simcenter Webapp Server (Linux only) is based on Docker™, a computer program that performs operating-system-level virtualization for web technologies that simplifies server installation.

User management can be done within Simcenter Webapp Server or connected to your enterprise user management through lightweight directory access protocol (LDAP) for a tight integration with your enterprise infrastructure.



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