Building the future of Simulation

MIGRATE YOUR LEGACY SOLUTIONS TO OPEN & NET-CENTRIC SIMULATIONS
About us

- **Simware Solutions** is a leading provider of **Open software platforms** for the Simulation & Training markets.

- Our mission is to be the **technological partner** of any company working in the supply chain of any kind of simulation solution.

- Our **platform Simware** is the first commercial product in the market supporting the **Internet of Simulation** concept, enabling **open, net-centric and interoperable** simulation solutions.

- Simware is the only software in the market that is useful in all the phases of the **simulation based system engineering** of industrial and consumer products.
Simware evolves the traditional simulation architecture to a new concept: The Distributed Simulator

We provide the first micro-services architecture for real-time simulation.
Simware Solutions provides the first Open, Data and Net Centric software platform to build all kind of Simulation solutions.

- **Simware R&P** collects simulation data to analyse it during or after the simulation executions.
- **SimDeveloper** do model-driven development of the simulations from Simulink.
- **Simware Core** is the foundation of the platform, providing a real time runtime infrastructure, open APIs and data-centric tools to the rapid development of your solution.
- **Simware RTI** connects Simware applications with HLA compliant simulations.
- **Simware Web** connects Simware simulations with Web and mobile applications.
- **Simware LVC** provides tools and SDKs to connect with external applications.
Simware is a platform for the present and the future of simulation.

- Stand-alone simulators
- Federations of simulations
- Web based simulators
- Industry 4.0

Increased demand
New market

Only platform in the market for all kind of simulation solutions.
Why to use a Simulation platform as Simware in your projects?

Build Smart
Most common Simulation services are already provided by the platform. Build features-rich solutions quickly without technical risks.

Build for the future
Our platform enables new applications for your simulations as the use of sims as services, web based training or their use as digital twins in Industry 4.0 solutions.

Build Fast
Data-Centric architecture and development tools enable rapid development, testing and deployment of your simulation.
Rapid development with our integrated environment

- Automatic Gen of Web Interface
- Automatic Gen of Logger Server
- Automatic Gen of HLA/DIS interface
- Automatic Gen of integration infrastructure
- Simulink-based development

Data-Centric Design

- XML

Continuous integration
Simware enables the development of **open, scalable, and interoperable simulators** that can work connected in the **Network**.
Simware is a fully uncoupled and layered Architecture

1. **Multiplatform**: same code valid on HLA and DDS
2. **Pure Data-Centric**: Simulation and management data-models
3. **APIs** in C++ to manage pub-sub interfaces to the middleware
4. **Runtime infrastructure** for real time sims
5. **Web Server / API** to connect to Web apps
6. **SDK** to develop gateways with std based and proprietary systems

To know more about the product click here
What can you do with Simware?
Some use cases for Simware

NOGESI: LVC Simulation

VMS: Serious Gaming

CITIUS: Experimentation with UxVs

Flight Training Devices

Test-Sites for Combat Systems

“[…] Simware provides a common platform to do system of systems simulation over any kind of network, improving efficiency and productivity in the development and integration of any type of simulation assets […]”

Executive Director, US Army Research Center

“[…] Customers are asking for a solution covering LVC Simulation without limitations and we will leverage Simware to fulfill this request […]”

Zhengjun Fu, Vice General Manager HWA CREATE

“We are very honored to cooperate with Simware Solutions, her platform Simware adds to our simulation system more diversification and specialization, and lays the foundation for further in-depth work

Sui Wentao, General Manager RCXC

Click in the pictures to know further
Building a new market: The Internet of Simulations

Sell your simulation components as Services in the Cloud

Extend your training services to the web

Simplify the deployment and maintenance of your simulation solutions with a Cloud based infrastructure
To know further….

✓ Visit our web at http://www.simware.es/
✓ Read our FAQ: http://www.simware.es/faq.html
✓ Visit our BLOG: http://www.simware.es/blog
✓ Know our commercial packages at http://www.simware.es/products.html
✓ Know why we are different at http://www.simware.es/papers.html
✓ See how others are using Simware at http://www.simware.es/use-cases.html

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