

// OSC. Open Simulation Concept.

// OSC-IF

The Open Simulation Concept Integration Framework is an approach to solutions shared by eurosimtec and Osimco Systems, that expands the functionality of Osimco System's original Open Simulation Concept to include an integration framework (OSC-IF).

Behind this approach is our belief that the skills of modeling, simulation and visualization are rarely fully developed as pure software solutions. Rather, various fields of application are required to go from concept development to system design to training, such as the integration of simulation and visualization technologies with various hardware components and system infrastructures.

Whether it is for a broad range of simulators for flight, driving, or handling systems or for a mock-up-- the functional and technical integration of simulation software and hardware components must fulfill numerous requirements.



Efficiency, flexibility and simplicity—these are the prime objectives for integration that must be realized in order to be called high-grade standardized and market-available technology-oriented solutions.

The OSC – Open Simulation Concept combines the current and future hardware product portfolio of Osimco Systems with the simulation and visualization technologies of eurosimtec to create an efficient and integral whole.

// Hardware Features

In the OSC – Open Simulation Concept - Osimco Systems realizes a broad portfolio of high-quality hardware components. This portfolio includes precise replicas of modern cockpit instruments and cockpit control elements as well as the development and production of complete mechanical structures and specialized electronic units.

In this context, the OSC represents the base system architecture and thus serves as the guideline for interface standardization. The OSC -Open Simulation Concept- means: that all components are interoperable (e.g. over CANopen), simple to exchange (Plug & Play), reliable, and almost maintenance free. Moreover, components may be integrated from other manufacturers.

To connect the components with the simulation software, the OSC uses various open and modular interface techniques that are developed and supervised by Osimco System's partner, eurosimtec.

// Integration Framework

With the OSC Integration Framework, as jointly defined by eurosimtec and Osimco Systems, the two levels of hardware and simulation software integration combine completely. The OSC Integration Framework also offers comprehensive integration and test management, which delivers unprecedented support for all aspects of full system realization.

// Connection

With the OSC Integration Framework, eurosimtec is able to achieve comprehensive integration possibilities for numerous simulation tools, as well as offer special and unique solutions for the Serious Gaming market, such as for the serious gaming engine VBS3 from Bohemia Interactive Simulations, which is a recognized educational and training software used by military customers worldwide.

With the OSC Integration Framework, VBS3 can be combined in a consistent manner with the entire product portfolio of Osimco Systems. The result is a wide range of possible future training systems.

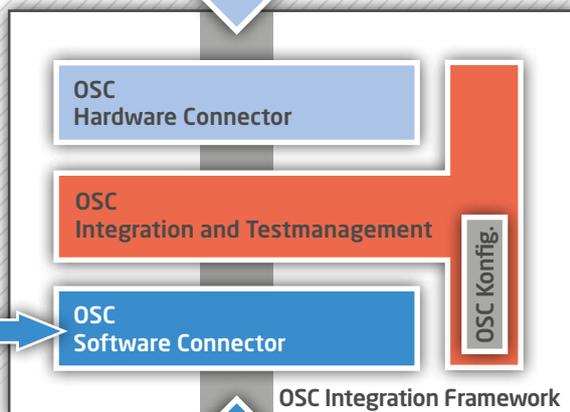
// Your Advantage

For our customers, the OSC has the following advantages:

- Full integration of the new Serious Gaming technologies in hardware-based test and training systems
- Efficient and thus economical system integration
- Significant reduction of project risks and duration time
- Increased standardization, modularity and interoperability
- Significant cost reduction in project realization and life cycle

// Conclusions

With the OSC -IF, Osimco Systems and eurosimtec have created a partnership that will lead to a much more efficient integration of complex system solutions. As a particularly unique characteristic, eurosimtec is on the way to becoming the system integrator for a broad range of increasingly more important Serious Gaming solutions.



// eurosimtec. *simulate. train. succeed.*

// Our Belief.

eurosimtec provides simulation systems, software products as well as services and training solutions.

Our 3D virtual simulation systems and products ensure best training motivation and optimize training success.

We help preparing soldiers for the moment that matters most: the mission.

Their success is our aim.

simulate. train. *succeed.*

// eurosimtec
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// Osimco Systems.

At Osimco Systems, we understand that preparedness and excellence in training are inseparably linked.



Our mission as a system supplier of simulation hardware is to provide you with equipment that meets your expectations and requirements every step of the way.

Designed to achieve a realistic look and feel and built to endure over time, our complete solutions for flight, mission, and maintenance training promise to deliver the most effective training experience.