

MÄK Gateway

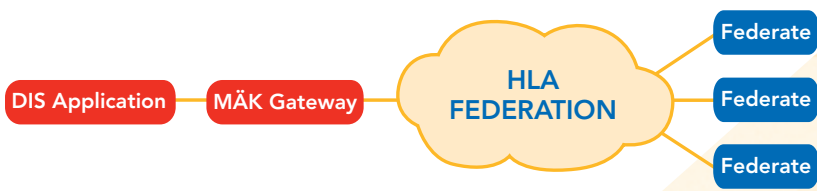
DIS to HLA Translation

Overview

The MÄK Gateway is the easiest way for legacy DIS simulations to participate in an HLA exercise. The Gateway is a separate application placed on the network that joins both a DIS exercise and an HLA federation execution. Through the Gateway, your DIS simulation can immediately interoperate in an HLA world (1.3 or IEEE 1516) without modification. Acting as a translator between the two protocols, the Gateway generates RTI service calls in response to incoming DIS PDUs, and sends appropriate DIS PDUs as a result of incoming RTI calls. These actions all happen in real time with only a small latency associated with the extra network hop. The Gateway supports all PDUs in the IEEE 1278.1 DIS Standard, and nearly all of IEEE 1278.1a as well.

FOM Agility

Built with MÄK's VR-Link® simulation networking toolkit, the Gateway takes advantage of VR-Link's FOM-Agile infrastructure. The Gateway comes with a FOM Mapper for the RPR FOM, for out of the box interoperability. VR-Link provides tools and examples to help you develop new FOM Mappers for other FOMs.* Once a FOM Mapper for a particular FOM has been created, all MÄK tools can use it to interoperate.

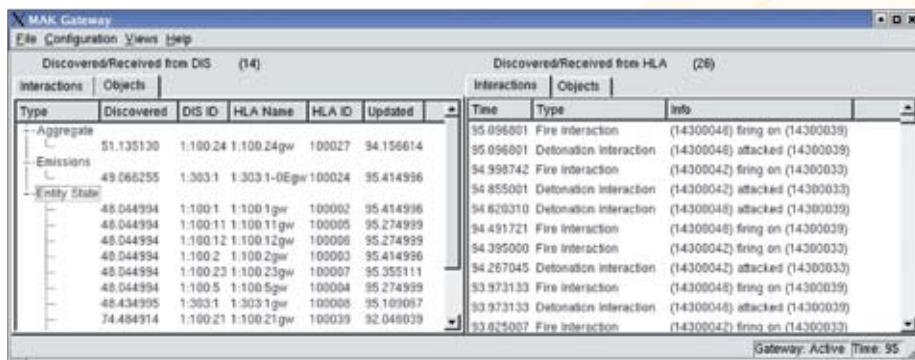
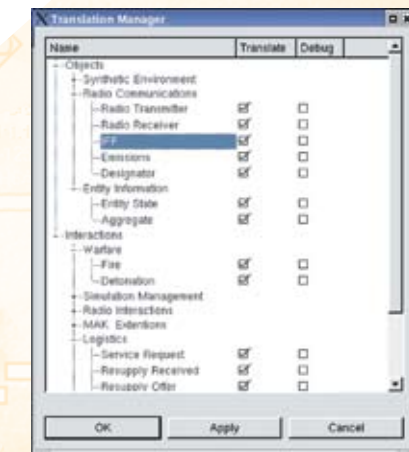


Monitoring and Control

The MÄK Gateway's GUI allows you to monitor and control the Gateway's activity. Through the GUI, you can set DIS and HLA networking parameters, dictate which PDUs and FOM classes should be translated, and view a continuously updating list of mappings between DIS and HLA objects and interactions.

Supported Platforms

- Windows® XP/2000/Vista
- Linux®



* Requires a VR-Link Developer's License.

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