ALIARO

KADRO

At-a-Glance

From the very first moment Aliaro was founded, the idea was to create something different, useful and durable.

Our name "Aliaro" comes from the Esperanto "aliro", which means assets. We see ourselves as integrators, innovators and mentors for our customers.

We develop under the motto "design for flexibility", which means that we help our customers to design flexible and scalable solutions.

ALIARO looks back at many years of experience in the design of test systems and offers extensive knowledge to their partners.

With our experience we can help our partner to foresee needs and offer suitable systems for best workflow and future needs.

ADVANTAGES

- ✓ A proven concept, based on 15 years' experience in Test System Development.
- ✓ Cost Efficient
- ✓ Long economic life length
- ✓ Flexible architecture
- ✓ Cloud Solution enables the possibility to work remote.

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Automotive Simulator Platform KADRO-HIL

OVERVEW

The Automative Simulator Platform (ASP) KADRO HIL includes state-of-art parts from National Instruments and is delivered as a COTS solution, designed to be extended and customized to meet your changing requirements.

Hardware-in-the-loop is a powerful test method you can use to test embedded control systems more efficiently. When testing embedded control systems, safety, availability, or cost considerations can make it impractical to perform all of the necessary testing using the complete system.

ALIARO have therefor developed a flexible HIL-system where you can change the behavior of a setup without the need to change the hardware.
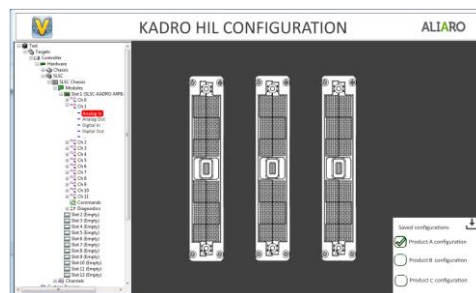

BENEFITS

ASP KADRO HIL enables the possibility to configure pins to the connector in a flexible way i.e. each pin can be configured into six different settings (AI/AO/DI/DO/PWM IN/PWM OUT), using software-based matrix. By default, the platform offers fault injection on all channels. This makes ALIARO HIL into an awesome test system with a flexibility that can handle product changes without the need to change hardware.

The ASP KADRO HIL also supports ASAM XIL and can therefore be used together with applications from other suppliers such as CANoe, VirtualBench etc.

EASY CONFIGURATION

- You can create different configurations by using KADRO HIL Configurator in VeriStand depending on which product you will test.
- Just drag n drop the selected function to the requested pin on the DUT Connector.
- When you are done save the configuration for re-usability.

You don't need to know your future pin setup in advance but can by just knowing the number of pins, throw a software-based matrix change the setup to meet your needs

USER-FRIENDLY DASHBOARD

- Model Parameter Manager
- Visual Result Viewer
- Data Log File Viewer
- System Health Monitor
- Record/Playback simulations
- Customize dashboard
- Alarm Configuration.