

KADRO

At-a-Glance

KADRO uses well defined parts in order to provide reusability.

Our solutions based on KADRO ranges from small portable test solutions to large real-time (HIL) systems.

Naturally we provide traceability in all aspects from configuration and requirements to test results.

In product development our solutions shorten development time and improve quality. In production our solution cut time and provides data for yield measurements.

Our mission for each customer is to provide the most cost effective solution.

ADVANTAGES

- A proven concept, based on 15 years' experience in Test System Development.
- Cost Efficient.
- Long economical life length
- Flexible architecture
- Cloud Solution enables the possibility to work remote.
- Remote control and configuration with Amazon Web Services.
- Uses high-end hardware and software from NI such as Veristand and PXI.



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KADRO – TEST SOLUTIONS

KADRO is the latest generation of connected test system from Aliaro. The system provides a simulated environment for the testing of one or more control systems.

KADRO simulates the environment with real and simulated loads and perform simulations of both sensors and machines.

The solution also includes features for security and robustness testing through fault injection functionality



Aliaro deliver KADRO in three different models

KADRO K64RT

K64RT is our mini-HIL for test objects that have need for 8 to 64 channels.

- A very compact desktop model.
- A National Instrument C-Series module is built for real time test.
- Flexible and easy to upgrade to the next model, K128RT.

KADRO K64B: Is a model without the real-time hardware.

KADRO K128RT

K128RT is a HIL desktop model for with the possibility to connect up to 128 channels.

- Build on a 19" desktop model.
- Changable loads for a flexible solution.
- For realtime test and HIL a NI PXI is installed for high performance and durability

KADRO K256RT

A rig solution for larger distributed HIL systems.

- Uses 2 to 9 K128RT in 1-4 rigs
- Scalable, just a more boxes and rigs.
- Distributed I/O.
- Centralized ECU power supply.
- Reconfigurable ECU network.
- CAN Support

