

Productivity Reimagined



ADD ProS TechDay Slovenia 2026 | Ljubljana 23.9.2026



YOTTAVOLT



TechDay Slovenija 2026

Chroma





Attila Peter
Regional Sales Manager
Eastern Europe

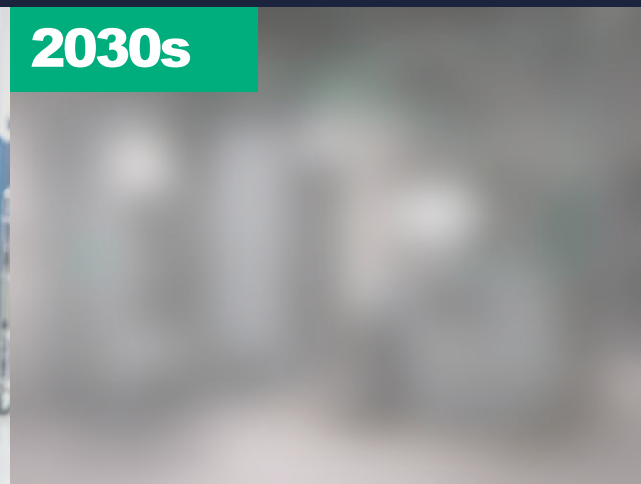
NI

50

Fifty years of engineering
ambitiously, and we're just
getting started.



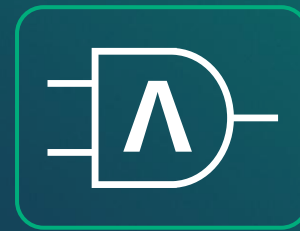
Increasing Complexity



DUT Complexity over Time



The genius of the



An Integrated Platform for Test & Measurement

Data

Open Software



Modular Hardware

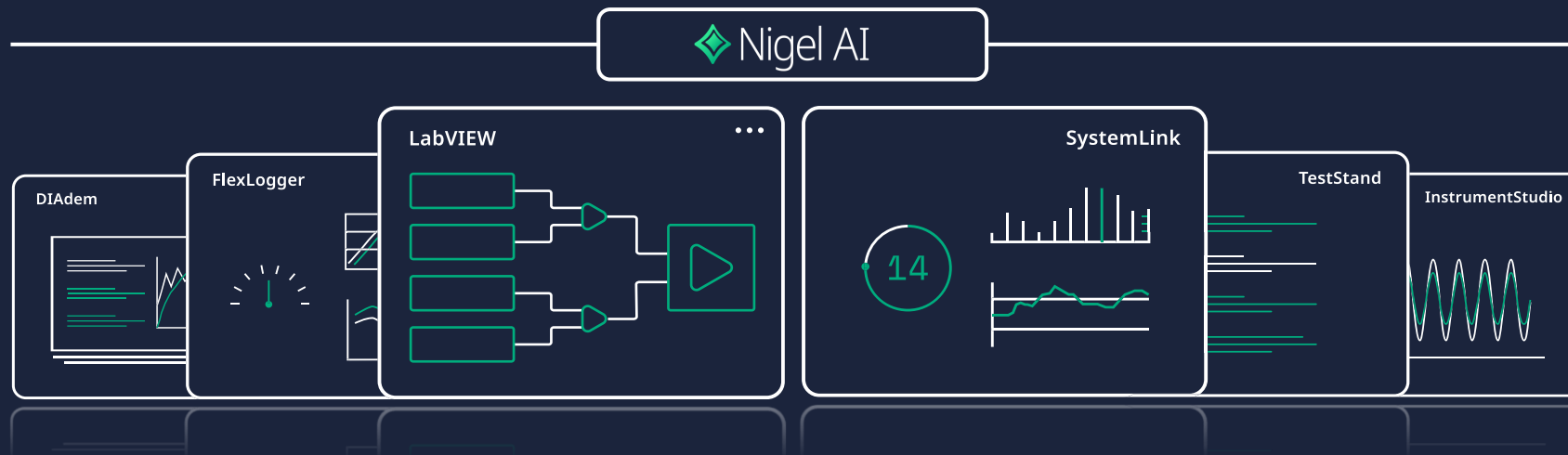


Ecosystem and Community

NI Nigel AI

NI Software Platform

The most productive, AI-enabled software for test and measurement



Trusted &
Secure

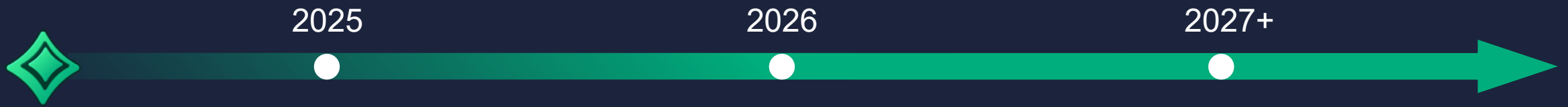
Open to
Ecosystem

Hardware
Connected

Purpose-built
Data Platform

Community
Supported

Evolution of Nigel AI



Advisor

In-Product Guidance

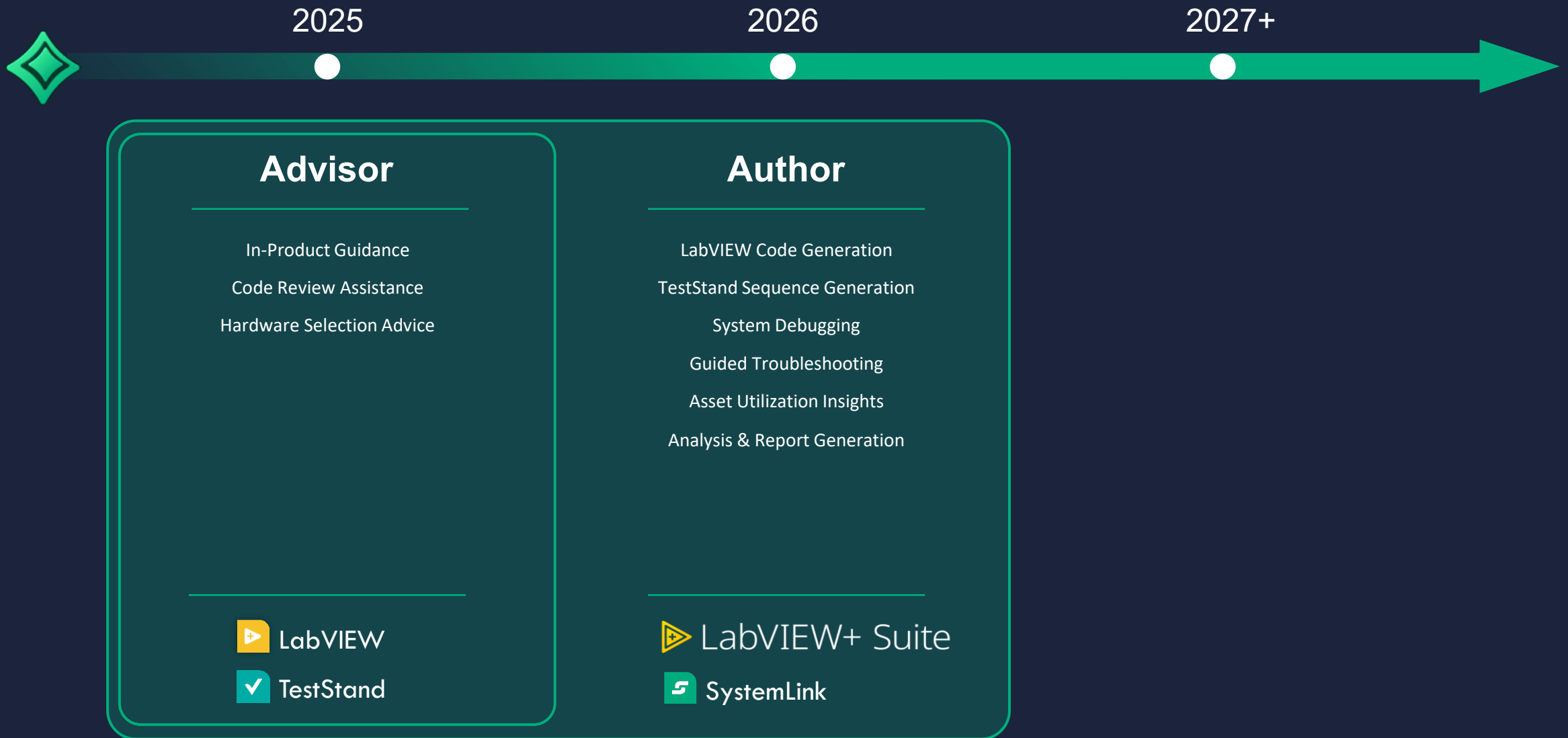
Code Review Assistance

Hardware Selection Advice

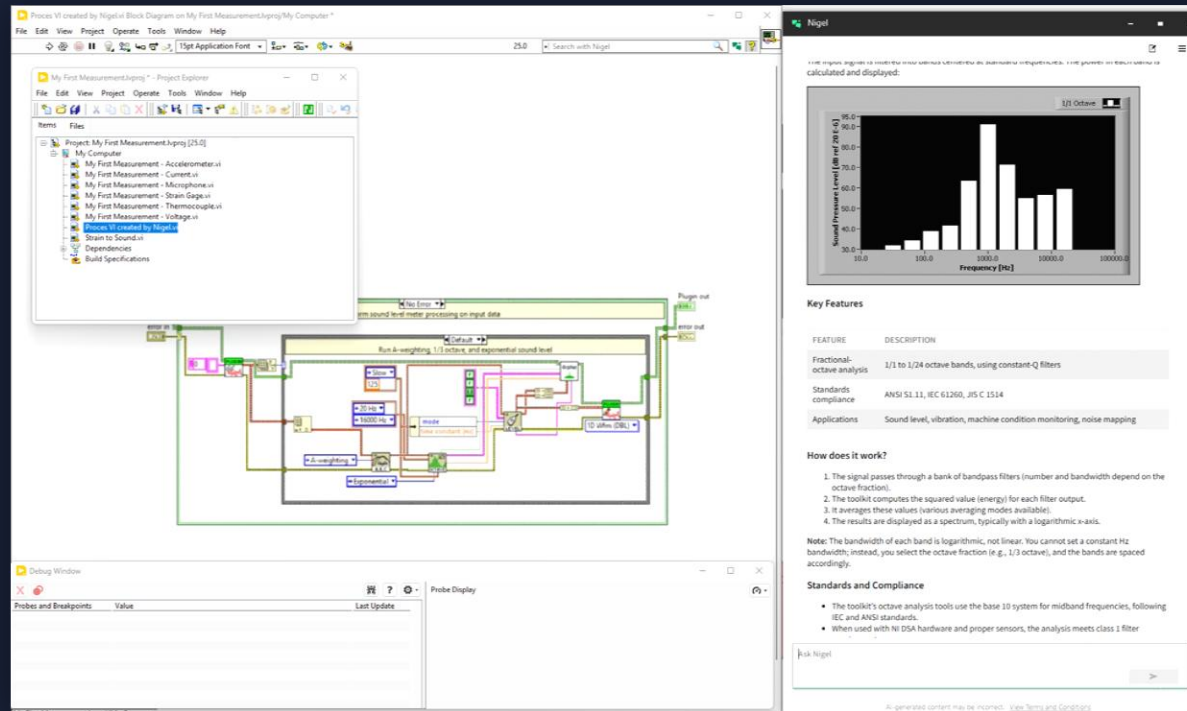
 LabVIEW

 TestStand

Evolution of Nigel AI



New: LabVIEW Code Generation with Nigel AI



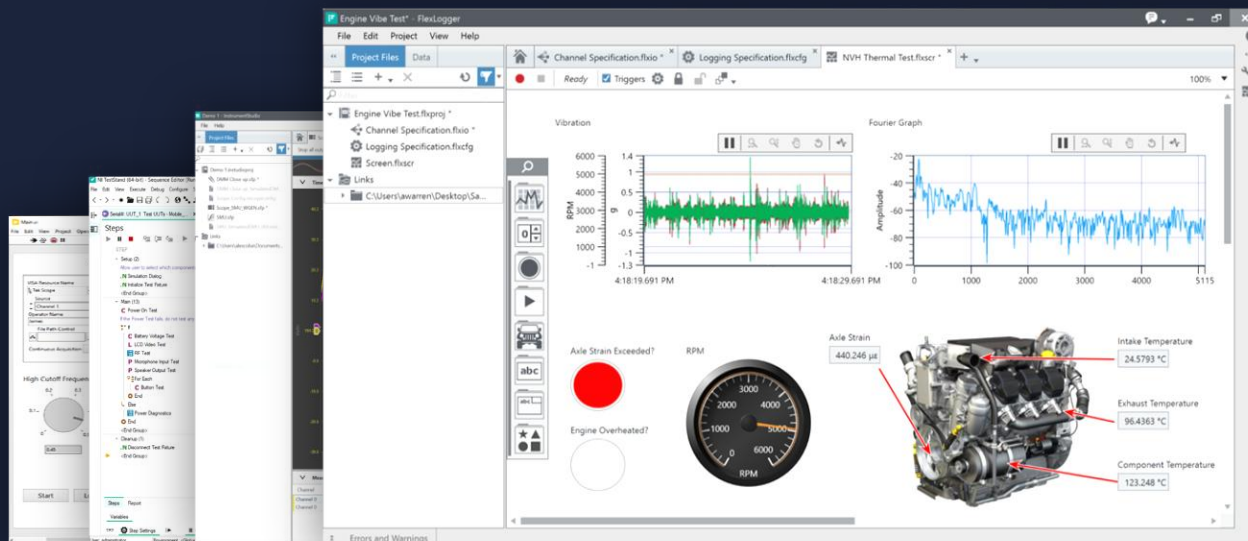
Speed development by generating LabVIEW code

Preserve application context with environmental integration

Validate AI output with detailed code explanation

▶ LabVIEW+ Suite 2026

Accelerating Test Engineering Workflows



◆ Nigel AI

Local Hardware context for practical system design advice. Identify LabVIEW IP within project libraries and TestStand Sequences. Generate documentation and guidance across tools.

▶ LabVIEW

Intuitive test development with improved dev-ops tools for collaboration and web controls for HTML/JavaScript integration

✓ TestStand

Powerful automation framework with upgraded Python support, modern operator interfaces, and richer data-logging tools

|| InstrumentStudio

Interactive measurements with expanded hardware support, including DAQmx panel, data capture, and security upgrades

≡ FlexLogger

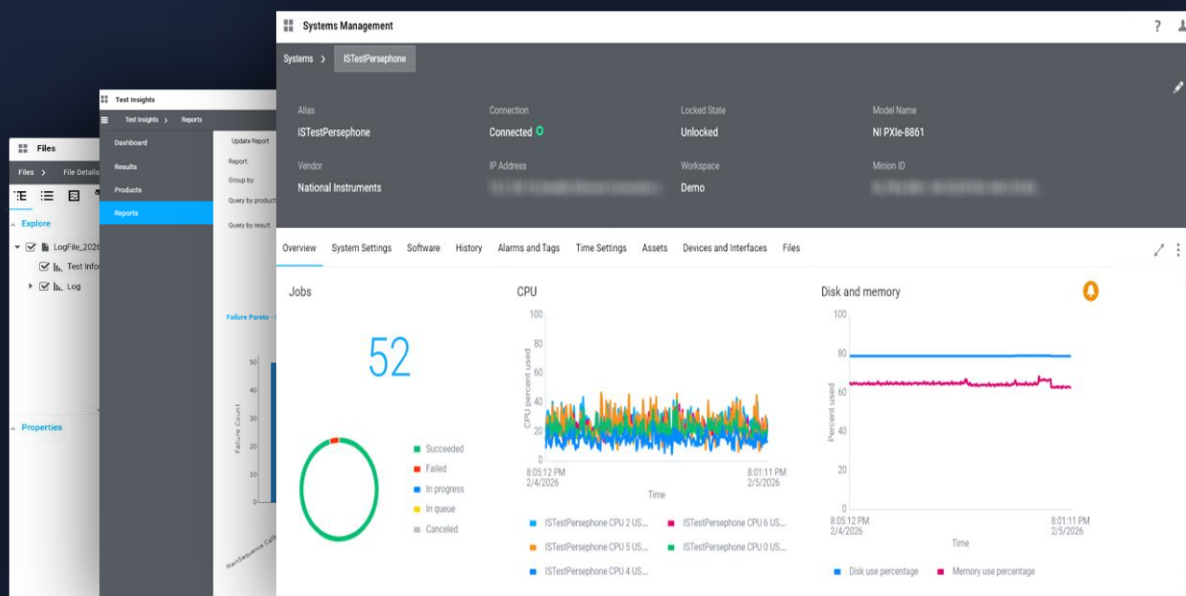
Simplified bring up and datalogging with improved automation, more plug-ins, and dynamic triggers

|| DIAdem

Deep product insights through data visualization and exploration scaling to automated reporting

NI SystemLink 2026

Accelerating Test Operation Workflows And Data Management



Manage Systems and Assets

Manage and install software for your entire test fleet, monitor test system health, and manage and track NI and 3rd-Party instrument utilization.

Plan Tests and Work Orders

Track incoming test requests, define test requirements, and schedule, deploy, and remotely execute tests.

Monitor and Analyze Test Data

Collect and view test results, files, parametric, and waveform data. Filter data for additional insights and track KPIs with dashboards and ad-hoc analysis.

Track Product Specification Compliance

Elaborate requirements into engineering specifications to drive test consistency, quickly discover product issues, and track test progress.

Automate Analysis and Reporting

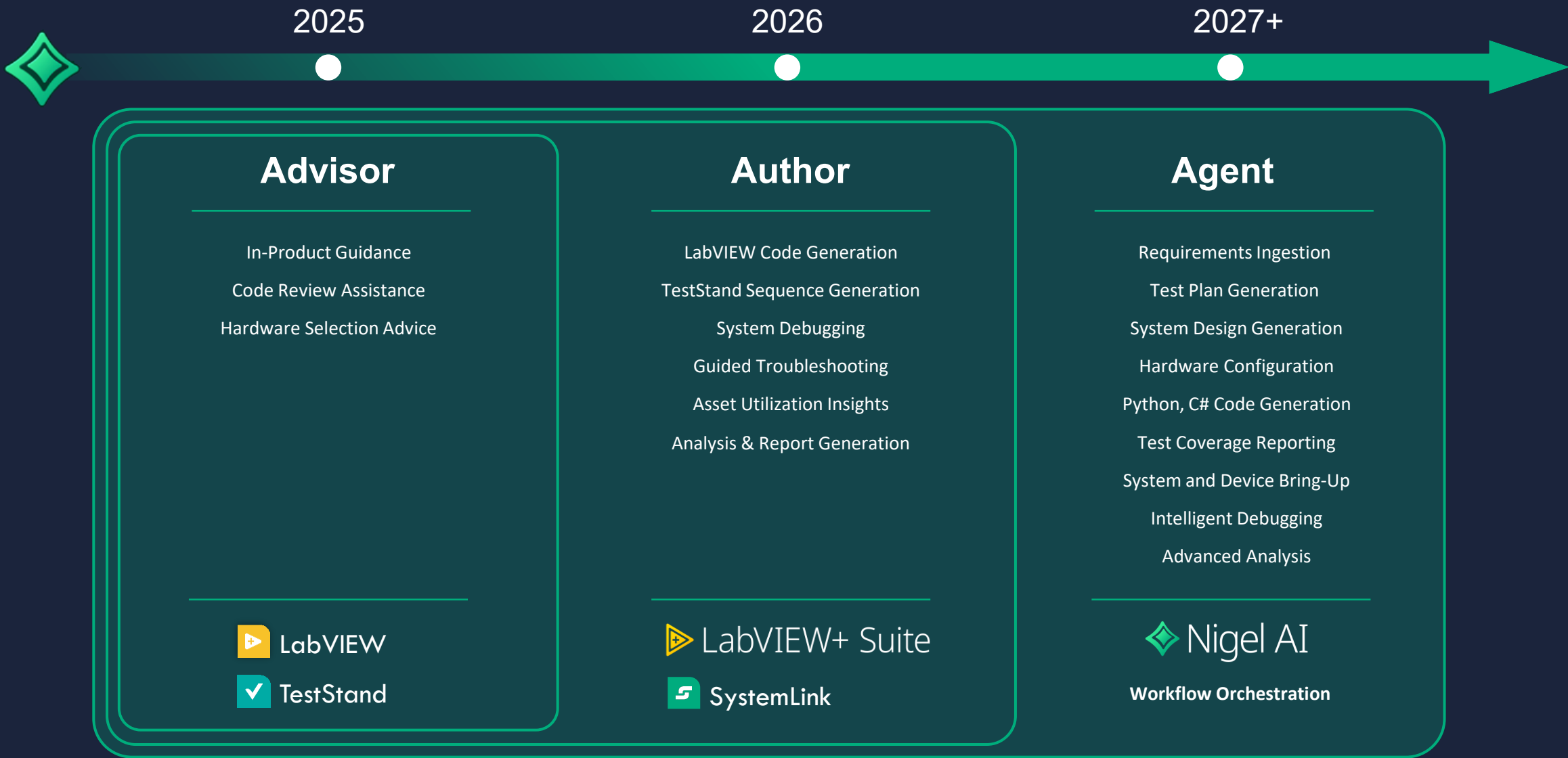
Fully integrated Jupyter Notebook development environment to create Python scripts that can be triggered or manually executed to perform arbitrary analysis.

Nigel AI Demo

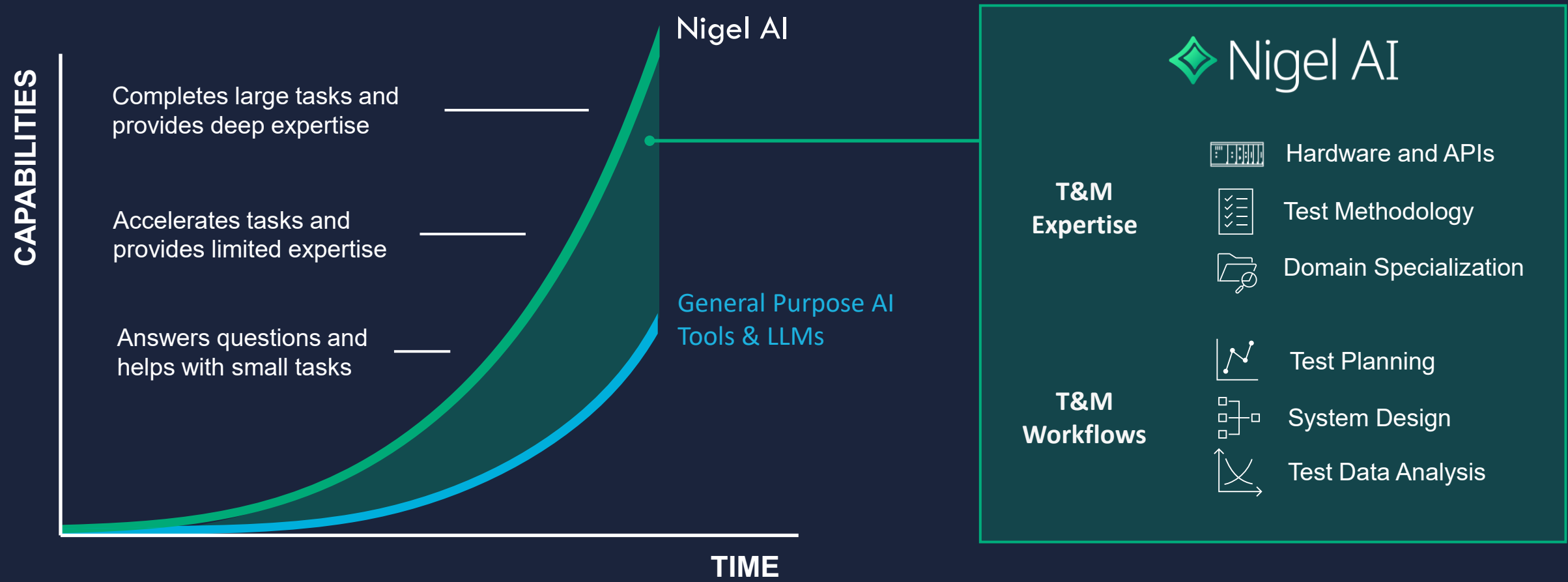
The background features a dark green grid of small dots. Large, solid green geometric shapes, including triangles and a semi-circle, are layered over the grid. A central horizontal bar with rounded ends and a subtle gradient contains the text.

The new era of test

Evolution of Nigel AI



Nigel AI Agent For Test & Measurement Productivity



An Integrated Platform for Test & Measurement

Data

Open Software



Modular Hardware

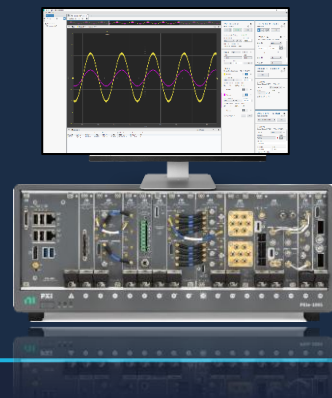


Ecosystem and Community

NI Nigel AI

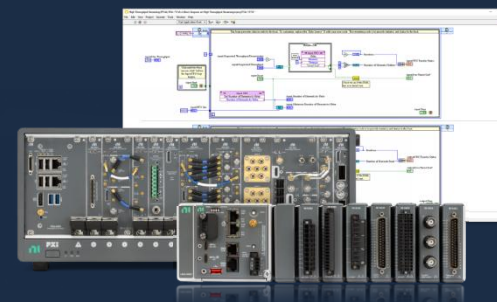
Best Size, Weight, & Power

MODULAR HARDWARE



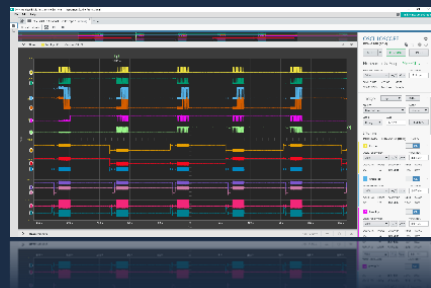
FPGA & Real Time

MODULAR HARDWARE



Synchronization

MODULAR HARDWARE



Streaming

MODULAR HARDWARE



Expanding Portfolio of PXI and Modular Instruments

Wideband RF
Measurement



Precision DC
Measurements



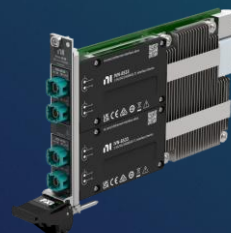
Embedded
Controllers



FPGA
Coproprocessor



Automotive
Vision



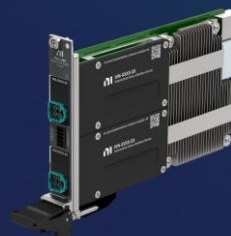
Chassis



300 W DC Source
& Load



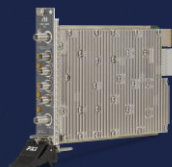
Automotive
Networking



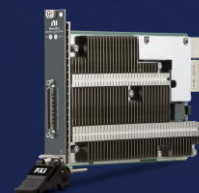
Oscilloscopes



Vector Network
Analyzer



Digital Pattern
Instrument



Precision
DAQ



NI Ettus USRP X420

Features:

- 10 MHz to 20 GHz frequency range
- Up to 1 GHz Bandwidth
- 2 TX, 2 RX channel
- Xilinx Zynq Ultrascale+ RFSoc ZU28DR
- Dual 100 Gigabit Ethernet or Aurora via QSFP28
- 10 MHz and PPS reference import, LO export and import per channel
- GPIO, JTAG control

Benefits:

- Expanding USRP frequency range to 20 GHz for applications like multi-channel radar systems and NTN for 6G
- Highest quality RF performance USRP ever released

Applications

- Radar/EMSO
- Satellite communications
- Non-terrestrial networks (NTN)
- 6G research in FR3





NI ATE Core



30-40% Faster development

Standardized starting point for test system design



Flexible Configuration

Customized instrumentation and hardware



Simplified procurement

Simplified BOM and vendor management

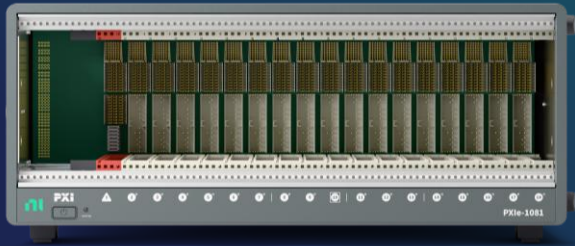


Simplified global deployments

IEC 61010-1 safety certified configurations

NI PXI Performance Within Reach

Timing & Synchronization



PXIe-1081

18-slot All Hybrid Chassis

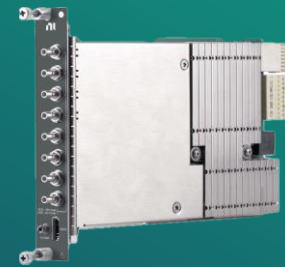
Powerful Computer



PXIe-8842 / PXIe-8862

High-Performance Embedded Controller

Modular Instrumentation



PXIe-5108

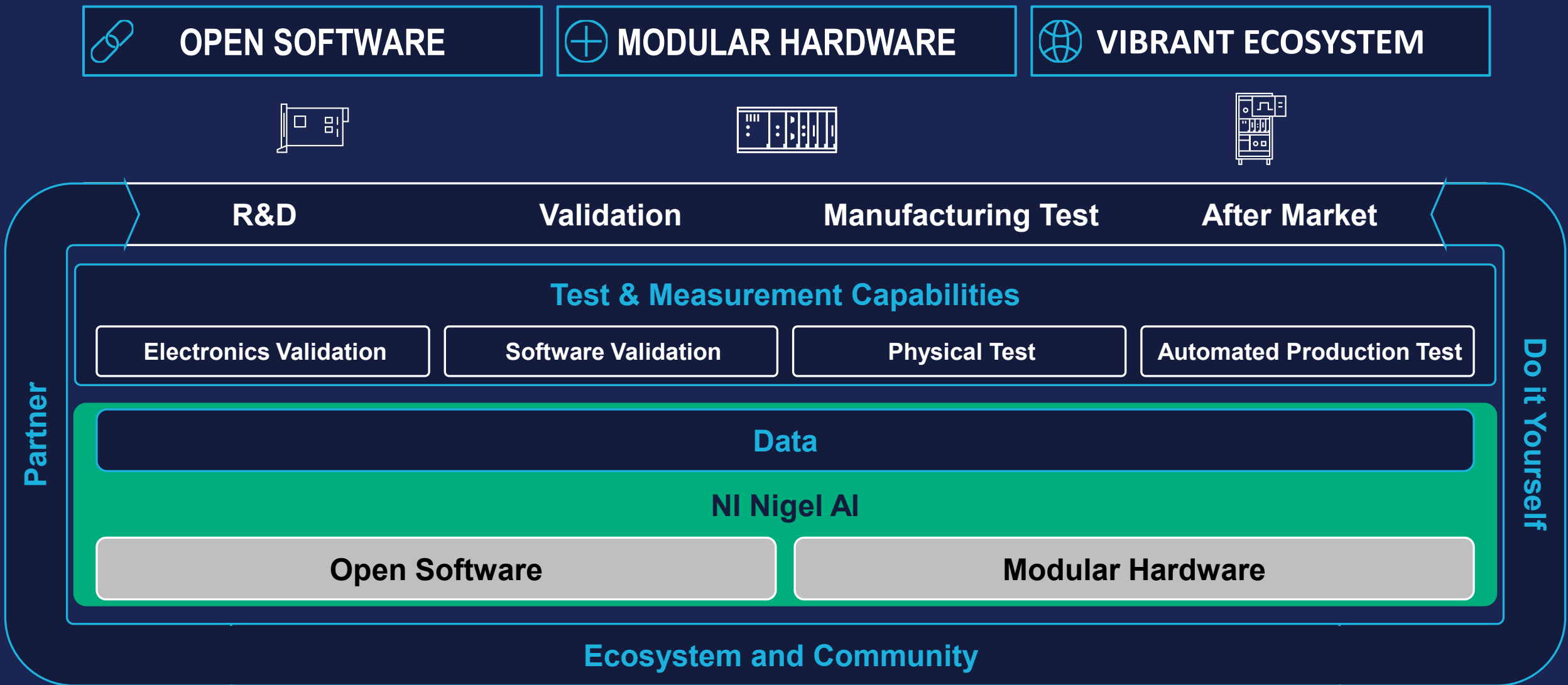
High Density Oscilloscope



PXIe-6381 / PXIe-6383

Multifunction DAQ

NI Integrated Platform-Based Approach



**Design your test
system for today...
and tomorrow.**