dissecto
A dSPACE Cybersecurity Brand

HydraVision



HydraVision Web UI
Manage tests, targets and results in one central platform

HydraVision Platform
Deployed on-premise or hosted SaaS

Device under Test
Connect and test any embedded or network device

Features

- **Automated Security Testing:** Execute repeatable security tests with less manual effort
- **Reusable Test-Templates:** Our test case library (200+) allows for an easy adaption of requirements
- **AI-driven Automation:** Use AI to accelerate test creation, engineering, analysis, and reporting.
- **Full Lifecycle Visibility:** Track security status during early development to release and beyond

Workflow

1. Connect HydraProbe to Device under Test
2. Create target context
3. Adapt test templates or cases
4. Execute explorative testing
5. Analyze results and debug test cases
6. Process data and generate final report

Compatibility

Devices

Automotive ECUs, ECU-cluster, full vehicles, IoT devices, medical devices, aviation & aerospace, defense, industrial systems, maritime, other embedded systems

Protocols & Interfaces

Security Access, Secure Debug, SecOC, MACsec, UDS, GMLAN, DoIP, TCP, IPv4, IPv6, DHCP, DNS, HSFZ, SOME/IP, XCP, OBD, UDP, TLS, CAN + CAN FD, (automotive) Ethernet, JTAG, GPIO, UART, Bluetooth, J1939

Use Cases

Product Development
Implement security processes early in development (shift left)

Market Access
Verify security and confidently prepare for market approval

Compliance
Supports standards like UN R155, CRA, NMD, MDR etc.

Penetration Testing
Automate and streamline penetration testing

Regression Testing
Make sure vulnerabilities stay fixed across releases and updates

Portfolio Monitoring
Continuously validate and verify all deployed products

Always Compliant
Stay compliant with industry-specific regulations.

Automated & Scalable
Reduce manual effort and focus on the right things!

Global Collaboration
Easy on- and off-boarding of parties around the globe!

Cost-Efficient
Save up to 75% of security testing & validation costs!

Security Testing, simplified.

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