

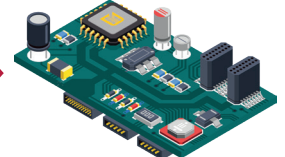
HydraVision Web UI

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 (100+) 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 2 3 4 5 6



Connect
HydraProbe
to Device
under Test



Create
target
context



Adapt test
templates
or cases



Execute
explorative
testing



Analyze
results
and debug
test cases



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



Use Cases



Product Development

Implement security processes early in development (shift left)



Compliance

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



Regression Testing

Make sure vulnerabilities stay fixed across releases and updates



Market Access

Verify security and confidently prepare for market approval



Penetration Testing

Automate and streamline penetration testing



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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