

# HIGH SPEED NETWORK TEST, MONITORING, & SECURITY

Solutions for the installation, test, and monitoring of high-speed and broadcast networks



## Lawful Intercept

- Network Taps
- Metadata Generation
- Auto Discovery
- Traffic Aggregation
- Traffic Decryption
- Packet Capture
- Forensic Analysis



### CORE / ACCESS NETWORKS

#### Network Testing

- OTDR & Fibre Testers
- Remote Fibre Test System
- Ethernet Testers to 800G
- Stateful Traffic Generators
- Emulation / Impairment
- Timing & Synchronisation



### DATA CENTRES

#### Visibility & Monitoring

- Network & Cloud Taps
- Network Packet Brokers
- Protocol Analysis
- AI Powered Log Ingestion
- Metadata Generation
- Packet Capture to 200G



### CLOUD NETWORKS

#### Cyber Security

- Secure Access for TSA
- Bypass Switches
- Performance Testing
- Vulnerability Testing



### BROADCAST & CONTENT DELIVERY NETWORKS

#### Network Testing

- OTDR & Fibre Testers
- Ethernet Testers up to 400G
- Stateful Traffic Generators
- Packet Capture up to 200G
- Protocol & Load Testers
- Delay & Timing Impairment

#### Monitoring

- QoE Visibility for STB & Devices
- CDN Log Ingestion & Monitoring
- IPTV Monitoring
- SDI over IP Network Monitoring
- Satellite & Linear Monitoring



### MOBILE FRONTHAUL & BACKHAUL

#### Network Testing

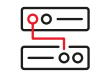
- OTDR & Fibre Testers
- UE Device Testing
- PON Testing
- Service Activation Tests



### IOT DEVICES

#### Monitoring

- RF over Glass Nodes
- Remote Fibre Test Systems
- Timing & Synchronisation
- Delay & Timing Impairment



### STREET FIBRE CABINETS

#### Cyber Security

- Security Testing
- Compliance Testing



### CORPORATE NETWORKS

#### Network Testing

- OTDR & Fibre Testers
- Ethernet Testers up to 400G
- End-User QoE Monitoring



### HOME NETWORKS

- WiFi Network Testing
- DOCSIS / Spectrum Analyser
- Security Infrastructure Testers



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**Test Labs**

#### Network & Device Testing

- Traffic Gen from 10Meg to 800G
- Telecom & High-Res OTDR Testers
- Network Impairment
- Secure Remote Access

#### Power Efficiencies

- Smart Power Bars
- Server Rack Heat Exchangers
- Hot/Cold Aisle Containment
- Environment Monitoring Sensors

Lab & Test Automation

# YOUR ROUTE TO TEST AUTOMATION SUCCESS

Whether you want to accelerate releases or achieve energy reduction and ESG targets ahead of schedule, we can help you reach your goals.

From cutting and predicting energy use with + / - 1% accuracy, to 24/7 remote test labs and everything in between, we at Red Helix have your needs covered.

## SAVE ENERGY



### Smart power bars

*Your first step in test automation*

- Identify inefficiencies
- Reduce energy cost
- Predict power consumption



## CUT ERRORS

### Layer 1 Matrix Switches

*The path to seamless connectivity*

- Connect tools just once
- Reduce scope for errors
- Eliminate manual inputs



## SPEED UP RELEASES

### Test execution automation software

*The fast lane to success*

- Instantly reconfigure cabling
- Quickly load test blueprints
- Accelerate new releases

## 24/7 AUTOMATED LAB



### Advanced feature automation software

*Your arrival at the future of testing*

- Test anytime, from anywhere
- All results in one report
- Provide accurate test cost predictions

**Accelerated productivity, improved quality and greatly reduced spending**



**Red  
Helix**

Contact us today to accelerate your test automation success

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