



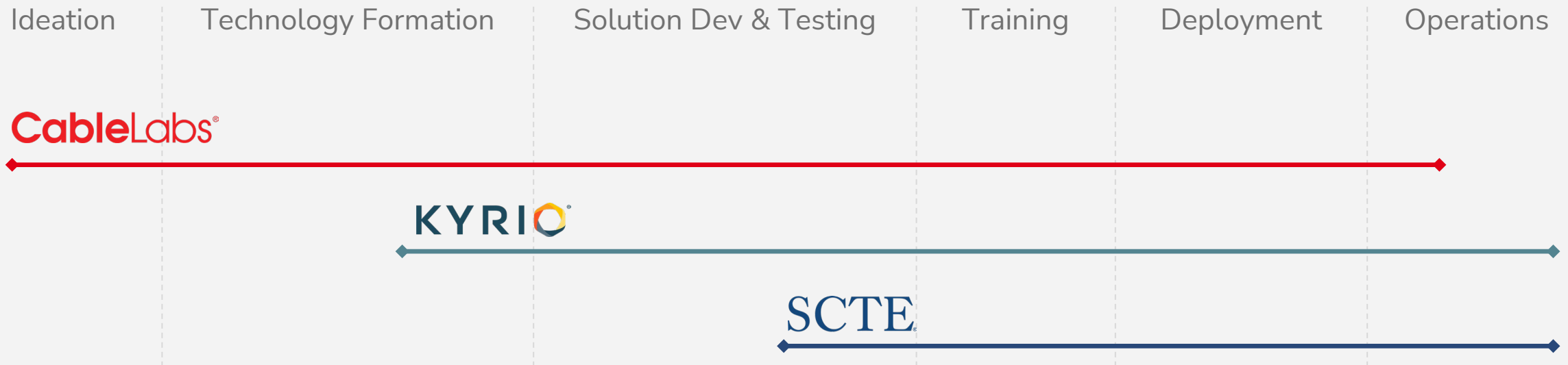
Trust Experience. Trust Kyrio .

Plume OpenSync® Certification

February 15, 2024

CONNECTING IT ALL TOGETHER

CableLabs, Kyrio and SCTE in combination support the full life cycle of network technologies from ideation all the way to deployment and operations.



Harnessing the Power of the Cloud: Open-Source Framework to Manage Wi-Fi

As homes and commercial spaces evolve, customers expect more from their Wi-Fi but don't want to pay for new hardware every step of the way.

OpenSync is the fastest growing, silicon-to-cloud, open-source framework that provides whole-home Wi-Fi management.

OpenSync



Telemetry

Collects measurements from devices, data made available for statistical analysis and communicates them to the cloud.



Control

A standard interface for management of Wi-Fi connectivity and devices from the cloud.



Networking

Monitor and control of traffic flow utilizing software-defined networking (SDN).

OpenSync[®]

Importance of OpenSync Certification

OpenSync Certification

Why Certification

- To ensure the quality of the OpenSync integration with regard to the Functionality, Security & Customer Experience.
- Certify the device's readiness to deliver Plume's cloud services.
- Certification stamp recognized by CSPs makes it reliable for the customer.

Why Authorized Development Centers (ADCs)

- ADCs are fully trained and accredited by OpenSync for their OpenSync Integration expertise.
- ODMs can leverage ADCs to expand their engineering capabilities, through a trusted partner.

Why Authorized Vendor Labs (AVLs)

- OpenSync is a rapidly growing open source framework and trusted AVLs will help bring more devices faster to market.
- ODMs and CSPs will have better predictability on when certification will happen.
- ODMs and CSPs can rely on the expertise of recognized certification labs.

Launch With Confidence



OpenSync

Leverage OpenSync's cloud via open -source framework

Standardized interoperability

Accelerated product development

Innovate with high-value services

Enhanced customer experience

KYRIO

1st OpenSync AVL in the Americas provides

Certified product compatibility

Streamlined testing for efficiency

Reduced costs

Impartial, proven certification



Streamlined Client Management



Speeds Time -to-Market

About Kyrio



US Based Lab

Based in Colorado for world service

Subsidiary of Cable Labs

Wi-Fi, DOCSIS
5G, and PON testing



OpenSync

1st OpenSync approved lab in the Americas

Multiple Plume certification offerings



Full OpenSync Testing

Functional Testing (FRV)

Customer Experience Testing (CXT)

Security Testing (SEC)



Deep Expertise

65+ MSOs

20+ OEMs/ODMS

Highly skilled wireless engineers and innovators

Testing for Real World Complexities : Top 4 Must Haves



Simulate Customer Environments

Multiple labs and environments to support various MSO & end user scenarios

1



Comprehensive Interoperability Testing

Validate compatibility across varied complex solutions

2



Variety of Performance Models

Measure and model performance using lab and real-world environments

3



Actionable Insights

Measure functional metrics, throughput, coverage, packet loss, and performance under controlled conditions.

4

Comprehensive Testing Streamlines Certification



OpenSync Test Plan



Customer Experience, Functional and Security



Review & Report



Other Associated Tests



First OpenSync authorized lab in the Americas



Premier independent lab with multiple labs



Experienced OpenSync testing provider



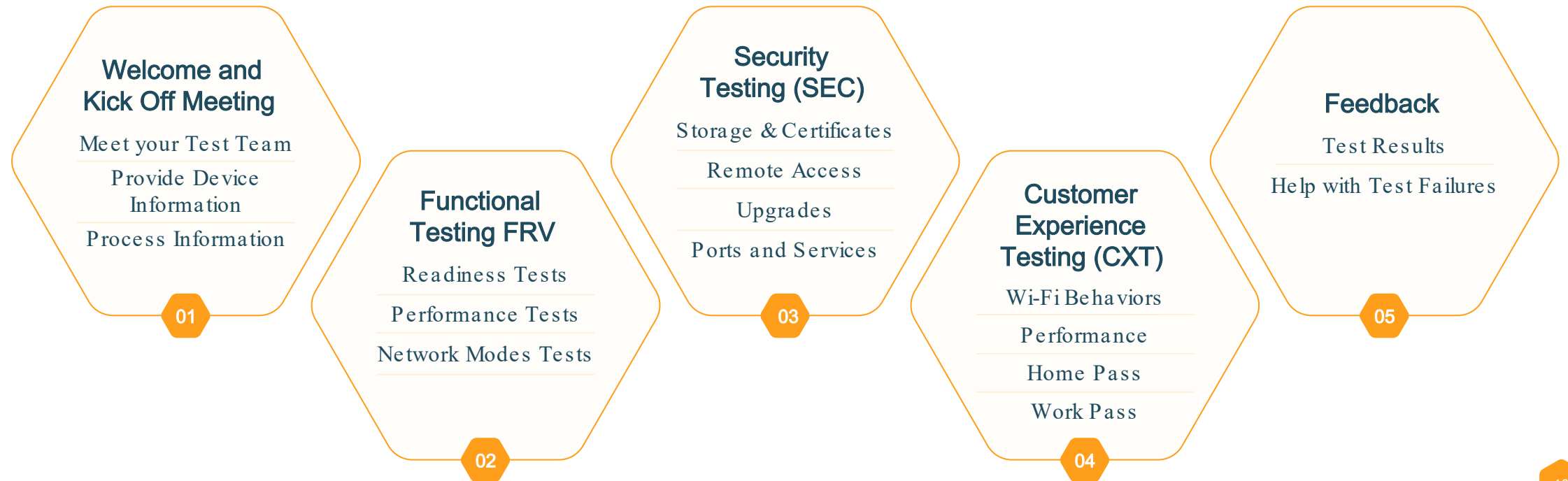
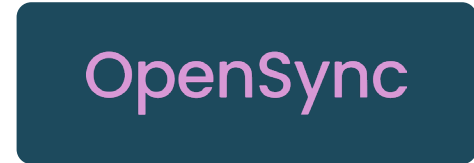
Additional testing for Wi-Fi and converged network testing



Certification at Kyrio: Vendor Journey

As an experienced AVL (Authorized Vendor Test Lab) , Kyrio provides robust device testing to provide OpenSync Certification for ODMs.

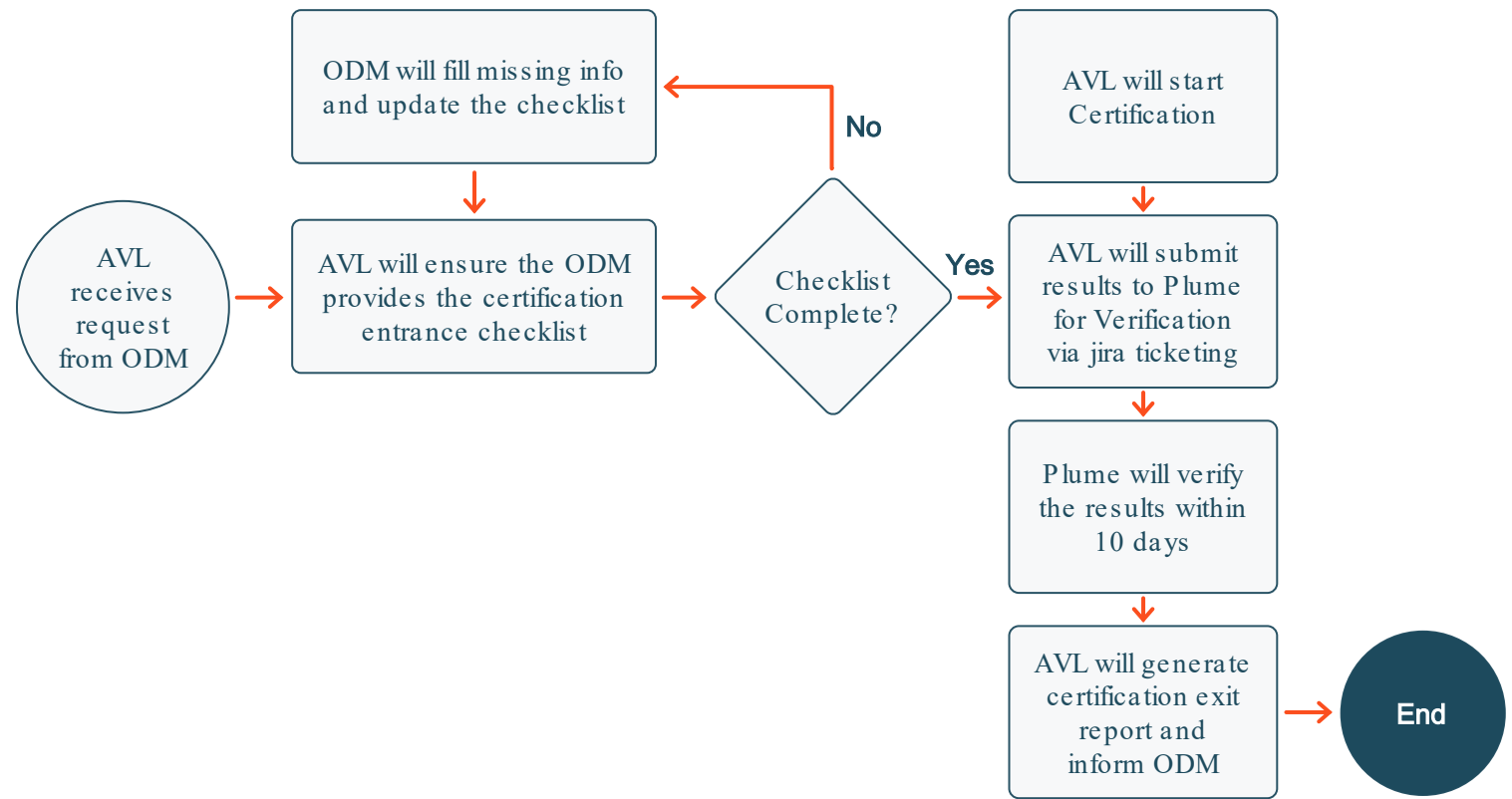
AVL Certification assures that OpenSync products work as intended in the Plume cloud environment.



Plume OpenSync Certification

The Basic Process

CableLabs AVL Process



Plume OpenSync Certification Packages

Certification Packages

Device Type

- 1 Gateway Only - Home Pass
- 2 Gateway/Extender - Home Pass
- 3 Gateway Only - Work Pass
- 4 Gateway/Extender - Work Pass
- 5 Gateway Only - Home + Work Pass
- 6 Gateway/Extender Home + Work Pass

Estimated Average 3 Week Test Cycle





Contact Us

Jason Lauer

VP Testing & Lab Services

 303.661.3761

 j.lauer@kyrio.com

Client Outreach

clientoutreach@kyrio.com