

VIAVI 6G

6G-IA Brokerage Event 2026

February 2026

Company Introduction



About VIAVI Solutions

VIAVI Solutions
(NASDAQ: VIAV)
is a global leader
in test and
measurement and
optical technologies.



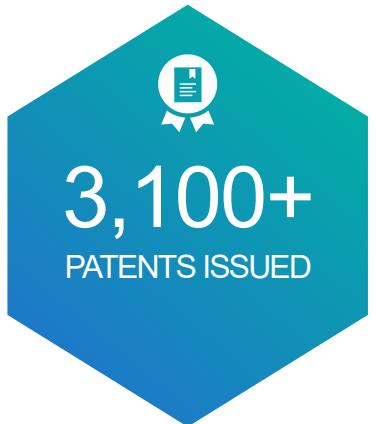
NETWORK & SERVICE ENABLEMENT

Our test, monitoring, assurance, and resilient position, navigation and timing solutions enable and secure critical infrastructure ranging from data center ecosystems and communication networks to military, aerospace, railway and first responder communications.

OPTICAL SECURITY & PERFORMANCE

We develop and advance technologies used in high-volume optical applications across anti-counterfeiting, consumer electronics, aerospace industrial and automotive end markets.

VIAVI Solutions by the Numbers

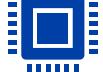


Driving Innovation: VIAVI Patent Portfolio

VIAVI owns approx. 1079 U.S. patents and 2070 foreign patents, with 329 U.S. patent applications and 833 foreign patent applications pending



VIAVI End Markets

Service Providers	 	Wireless		Fiber		Cable		Metro & Transport		High-Speed Optical		Security		AI Ops		
Data Center Ecosystems / Enterprises		Hyperscale		Enterprise		Security		AI Infrastructure		Semiconductors		Railway MCx				
Aerospace & Defense		Avionics		Mission Critical Communications		Synthetic & Modular		Position, Navigation & Timing		Inertial Systems		Critical Infrastructure				
Optical Security & Performance		Anti-counterfeiting		Consumer Electronics		Government and Defense		Aerospace		Biomedical & Healthcare		NIR Spectroscopy		Automotive Sensing		Custom Color Solutions

VIAVI's Alignment to SNS – JU 2026 Priorities

VIAVI Quality Data Sets for AI training, testing and optimization

1. RAN and UE Data sets

Big data generation to train AI algorithms.
Package field data, ray tracing and VIAVI user behaviour modelling

2. Ray Tracing

AI-enhanced digital modelling accurately predicts and models beam and channel behaviour in 3D environments

3. Field to Lab

Field data enhanced with ray tracing to recreate realistic RAN environments in the lab

4. Data4AI

VALOR – One stop shop for AI-RAN network development and application training

AI-RAN Alliance - D4AI Workstream

VIAVI-VALOR is the 1st AI-RAN ALLIANCE endorsed lab

What is D4AI?

- D4AI (Data-for-AI) flagship initiative in the AI-RAN Alliance – **chaired by VIAVI**
- Focuses on the crucial role of data in AI development and deployment for RAN
- It aims to define and implement a structured approach to data management and the data collection pipeline from sources such as real-time systems and synthetic data simulators, ensuring data availability for AI performance benchmarking and further research

How can it be used

- Allows for the ability to generate large-scale data sets for realistic anomaly scenarios. VIAVI's synthetic data generators and real-world data collection tools can offer closed loop validation capabilities where AI models trained on synthetic data can be validated against real network measurements collected in the field
- Provides AI RAN developers the capabilities required for robust model training, testing and validation

VIAVI 6G Testbed



AI-Enhanced Ray Tracing

Optimize Multi-User and Multi-Cell 6G Networks



AI Beam Management

Improve 6G Network Performance and enhance Energy Efficiency



Integrated Sensing & Communications

Enable Communication Networks to Function as Intelligent Sensors



Test and Train Neural Receivers

Achieve Reliable, High Throughput, Low latency and energy-efficient communication

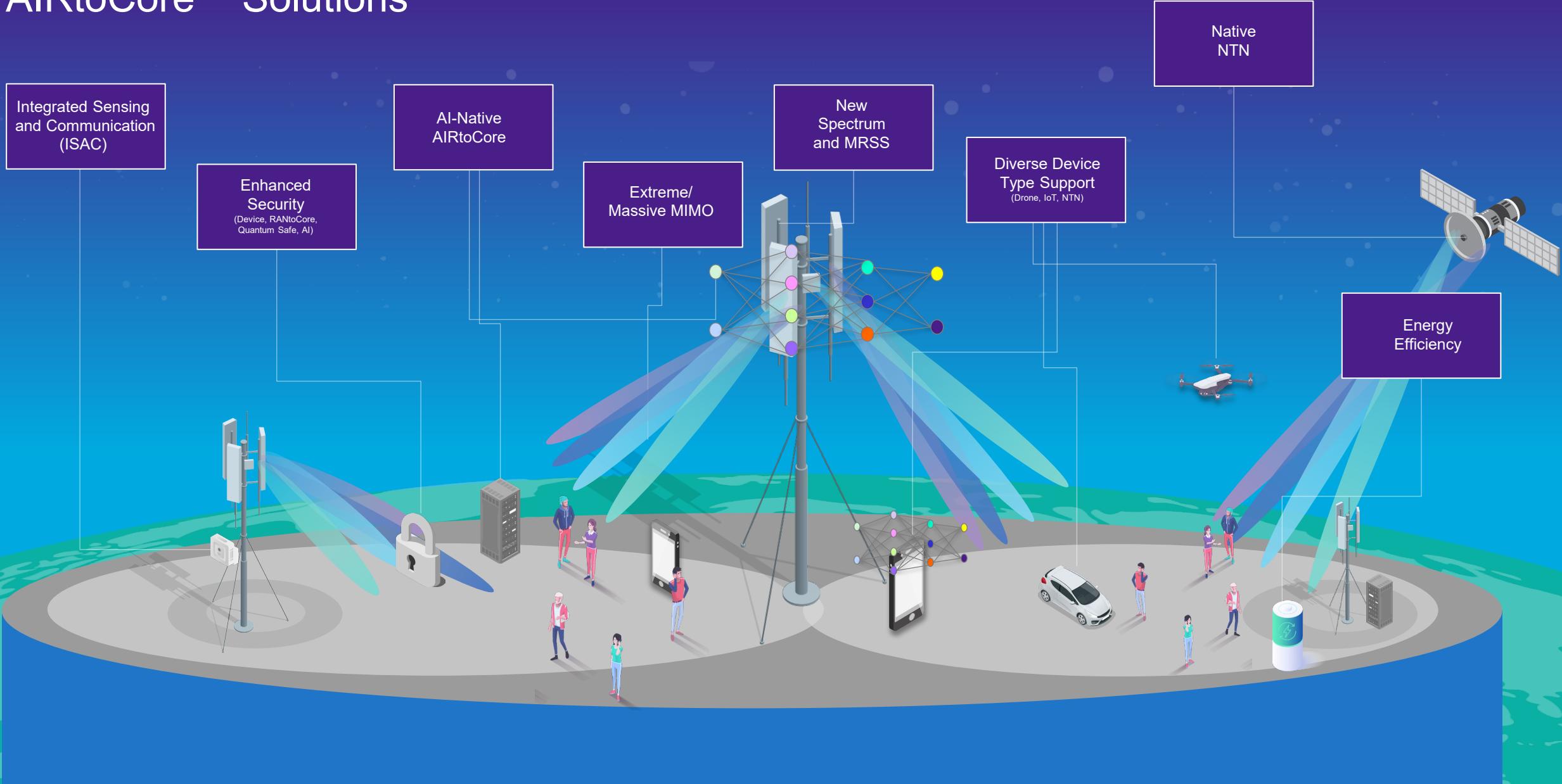


New Multiple-Access Evaluation

Mitigate Interference and Improve Transmission Efficiency

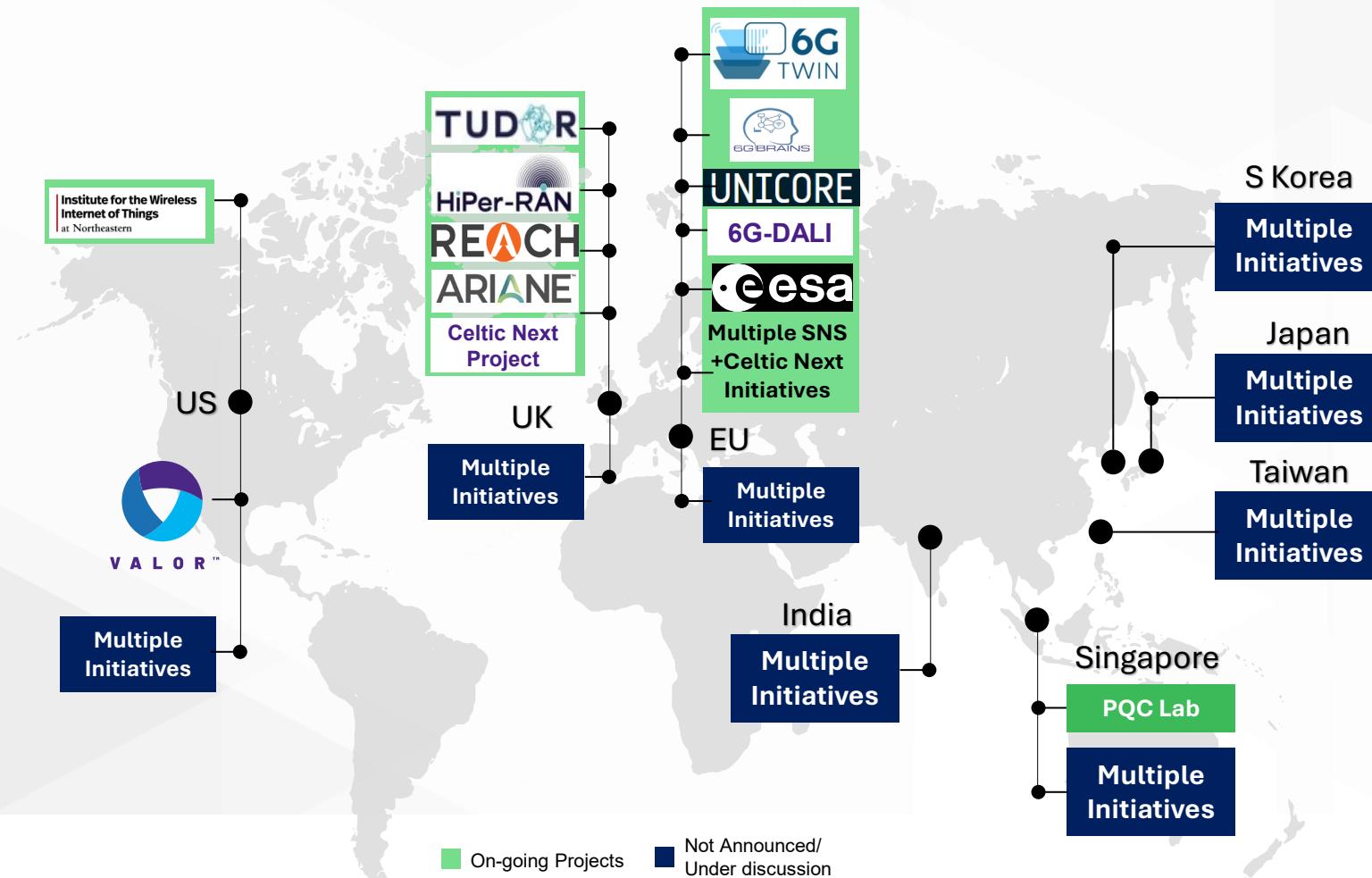
6G

AIRtoCore™ Solutions



6G International Collaboration

- Collaboration is a key aspect of VIAVI's approach to 6G development, working closely with customers, research institutes, academics, and governments to drive innovation
- VIAVI is involved in several research and development projects worldwide



Collaborating with industry standardization/specification bodies and regional consortia such as:

- 3GPP
- 6G IA
- AI RAN Alliance
- 5-6 Innovation Center
- 6G Forum
- B5GPC
- Broadband Forum
- CELTIC-Next
- IEEE
- Institute for Wireless Internet of Things
- IOWN Global Forum
- ITU
- Next G Alliance
- OAI (Open Air Interface)
- OIF
- Open6G CRC at NE University
- one6G
- O-RAN ALLIANCE
- TIP (Telecom Infra Project)
- TM Forum
- SNS-JU
- XGMF
- BHARAT6G

For More information, pl. follow the link

[6G Forward | VIAVI Solutions Inc.](#)

For further discussions, pl. contact

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