

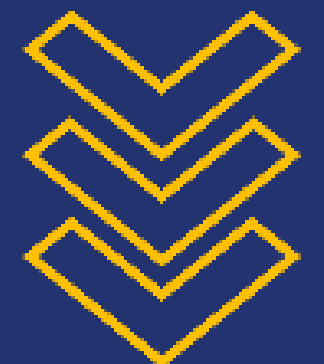


**Connecting AI To The Edge, Modernizing
Defense, Industrial and Residential Applications**



Company Update

December 2025



This Presentation is not an Offer or a Representation

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Financial Information and Use of Non-GAAP Financial Measures.

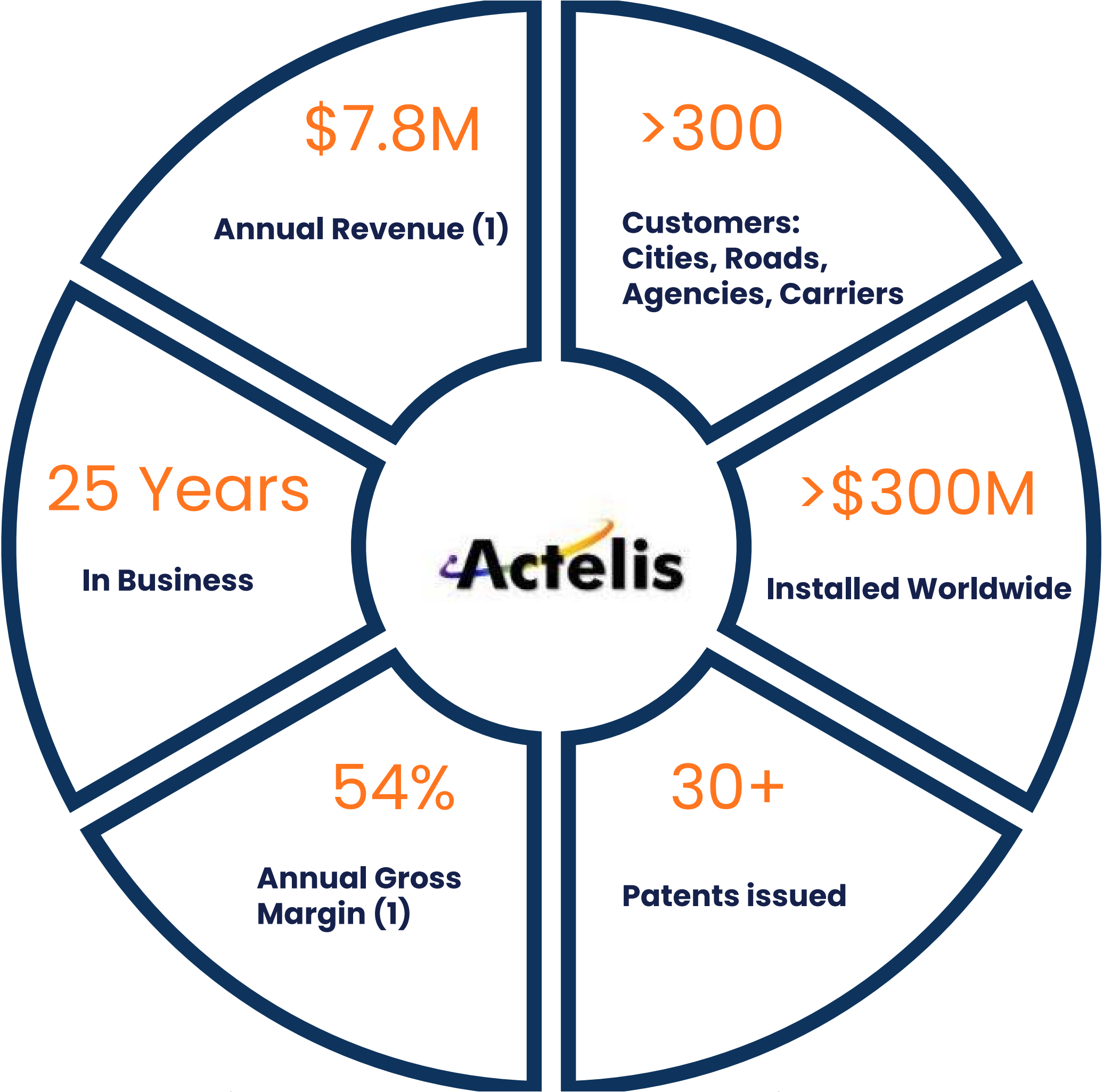
The financial information contained in this Presentation has been taken from or prepared based on our historical financial statements for the periods presented. This presentation includes certain non-GAAP financial measures. These non-GAAP measures are an addition, and not a substitute for or superior to, measures of financial performance prepared in accordance with GAAP and should not be considered as an alternative to their nearest GAAP equivalent or any other performance measures derived in accordance with GAAP. We believe that these non-GAAP measures of financial results provide useful supplemental information to investors about Actelis. Our management uses forward-looking non-GAAP measures to evaluate our projected financials and operating performance. However, there are a number of limitations related to the use of these non-GAAP measures and their nearest GAAP equivalents. In addition, other companies may calculate non-GAAP measures differently, or may use other measures to calculate their financial performance, and therefore, our non-GAAP measures may not be directly comparable to similarly titled measures of other companies. Additionally, to the extent that forward-looking non-GAAP financial measures are provided, they are presented on a non-GAAP basis without reconciliations of such forward looking non-GAAP measures due to the inherent difficulty in forecasting and quantifying certain amounts that are necessary for such reconciliations.

FORWARD LOOKING STATEMENTS

This Presentation contains forward-looking statements. In addition, from time to time, we or our representatives may make forward-looking statements orally or in writing. We base these forward-looking statements on our expectations and projections about future events, which we derive from the information currently available to us. Such forward-looking statements relate to future events or our future performance, including: our financial performance and projections; our growth in revenue and earnings; and our business prospects and opportunities. You can identify forward-looking statements by those that are not historical in nature, particularly those that use terminology such as “may,” “should,” “expects,” “anticipates,” “contemplates,” “estimates,” “believes,” “plans,” “projected,” “predicts,” “potential,” or “hopes” or the negative of these or similar terms. Factors that may cause actual results to differ materially from current expectations include, among other things, those listed under the heading “Risk Factors” and elsewhere in the final prospectus, dated May 16, 2022 that we have filed with the U.S. Securities and Exchange Commission in connection with our initial public offering. Forward-looking statements are only predictions. The forward-looking events discussed in this Presentation and other statements made from time to time by us or our representatives, may not occur, and actual events and results may differ materially and are subject to risks, uncertainties and assumptions about us. We are not obligated to publicly update or revise any forward-looking statement, whether as a result of uncertainties and assumptions, the forward-looking events discussed in this document and other statements made from time to time by us or our representatives might not occur. Past performance is not indicative of future results. There is no guarantee that any specific outcome will be achieved. Investments may be speculative, illiquid and there is a total risk of loss.

Past performance is not indicative of future results. There is no guarantee that any specific objective will be achieved. Investments may be illiquid, highly speculative and there is risk of the total loss of your investment. See disclosures at the beginning.

Company Brief



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(1) 2024 results

Edge-AI, Cyber-Safety, Defense Modernization Are Top Growth Domains



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Macro Tailwinds

AI Automation

Growing Exponentially
Becoming Mission Critical
Moving to the Edge

Cyber Safety

Increasingly Critical
Compliance A Must
Edge is the Weak Link

Modernize Defense

Strong Geo-Political Forces
Outdated Networking
Major Security/Mission Risks
Major Budgets

Edge Networking

Safe, Reliable, Gigabit
Connectivity Required
**Networking is a Big
Bottleneck**

New Fiber

Deployment Extremely
Slow & Expensive

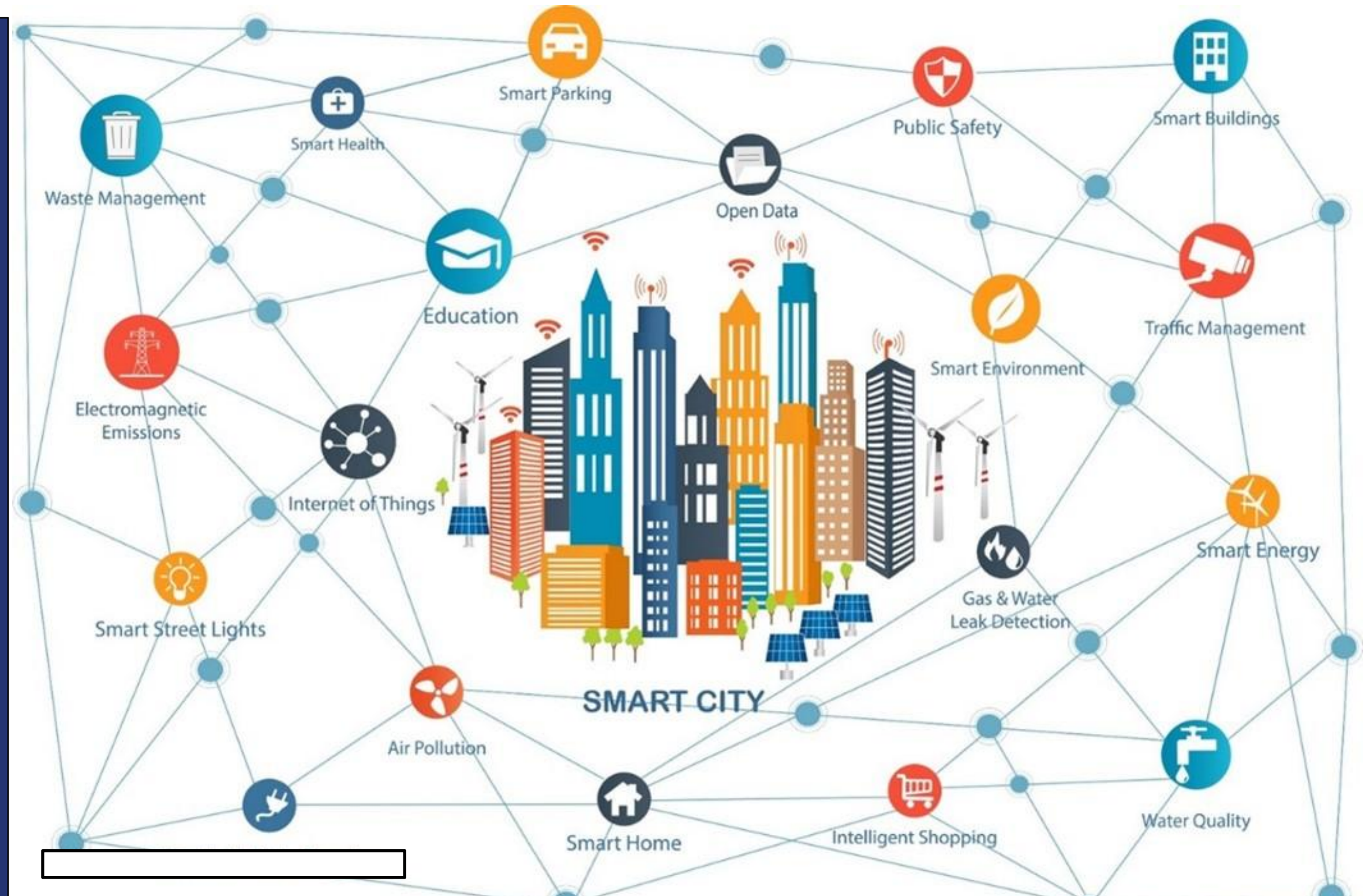
Copper, Coax

Free, Available Everywhere
Badly Underutilized
Performs Like Fiber
Instantly With Actelis

Connectivity Modernization To Grow Exponentially

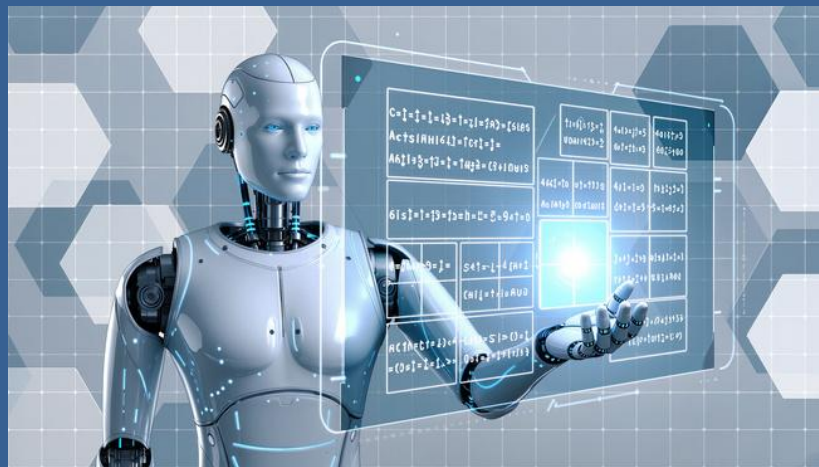
Need to Connect Securely Tens of Millions of Locations

- Billions of devices are currently connected with copper cables
Historically low speed, low reliability, not secure
- New Fiber Optic cables are being installed
Reliable, fast, but very expensive and slow to deploy
- Wireless is getting better
Not fast enough, not secure enough



Actelis: Cybersafe, Efficient Networking for the Edge

No Need For Underlying Networking Upgrades



**Resilient and
Cybersafe**



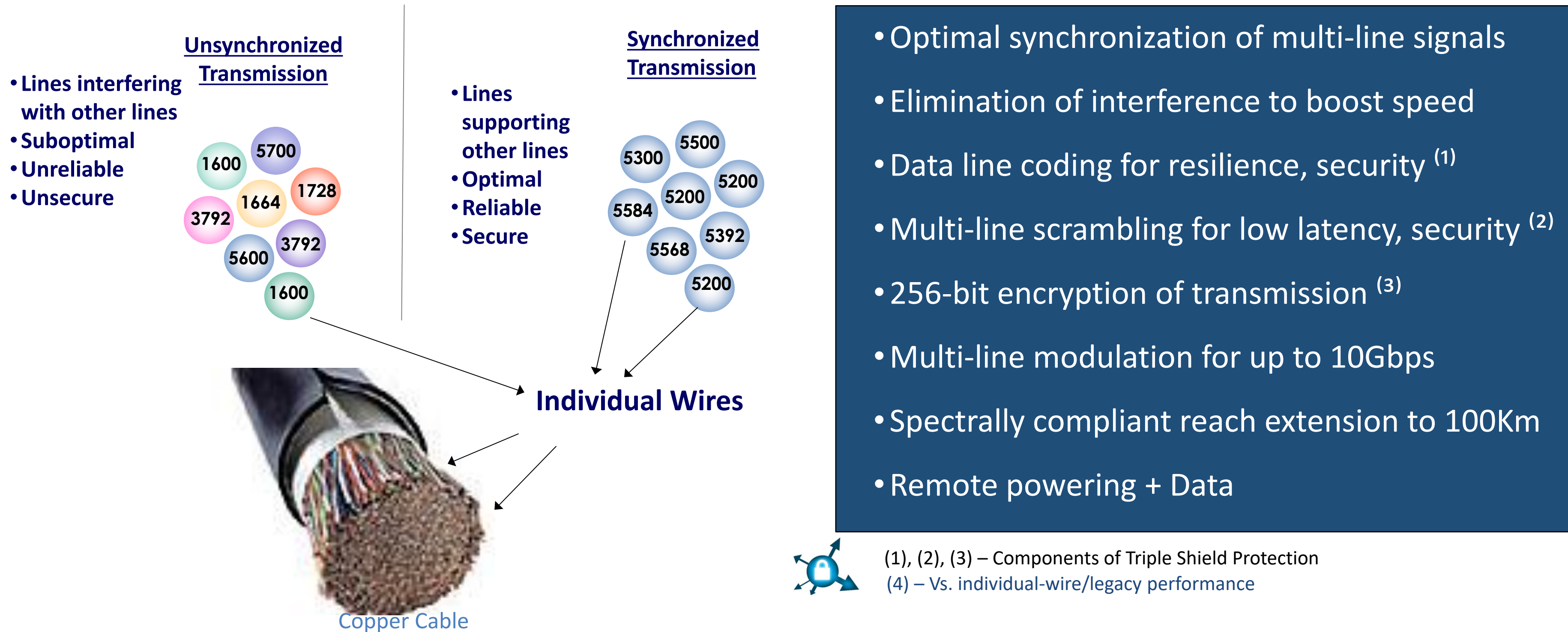
**Instant,
<20% Cost**



**Fiber Speed on
any Wires**

Actelis' Patented Signal Processing and Encoding Software

Combining 100X Wire Performance Boost⁽⁴⁾ with Triple-Shield Physical Security





Actelis' Uniquely Enabling 3 Multi-\$B Edge Markets

Defense and Federal



2025: \$12.5B for FAA infrastructure modernization
2025: \$37B budget for Military base modernization
(source: US congress, Dept. of War)

Smart Transportation



\$143B/y for SMART traffic modernization by 2034
\$30B DOT federal budget for traffic modernization
Smart Transportation market to reach >\$250B by 2029
(Source: Polaris Market Research, congress.gov, marketsandmarkets)

Smart Buildings/Hotels

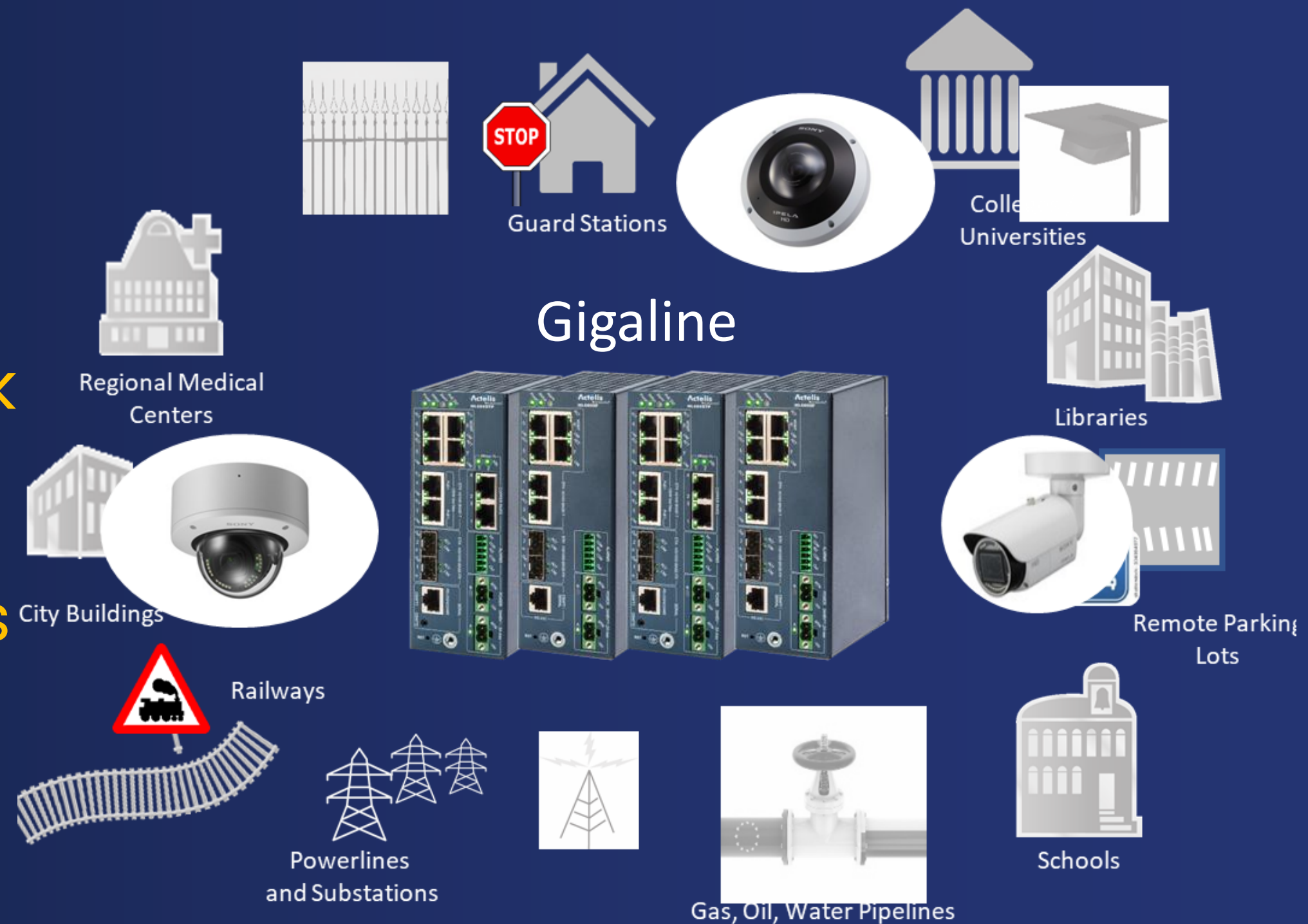


>\$28B BEAD funding for broadband connectivity
20M buildings in the US alone need connectivity
(Sources: Infrastructure Investment and Jobs Act (IIJA), US Census.gov (buildings above 5 units year 2000))

Gigaline Building Blocks: Cyber Secure the Edge Networking Now

Using the Infrastructure You Have

- Hybrid Fiber-Copper-Coax
- Deterministic Low Latency
- Ubiquitous and Compact
- Power Enabled Over the Network
- Cyber-Hardened, Encrypted
- Low-Touch Management SW
- Integrated with Metashield SaaS Anomaly Detection

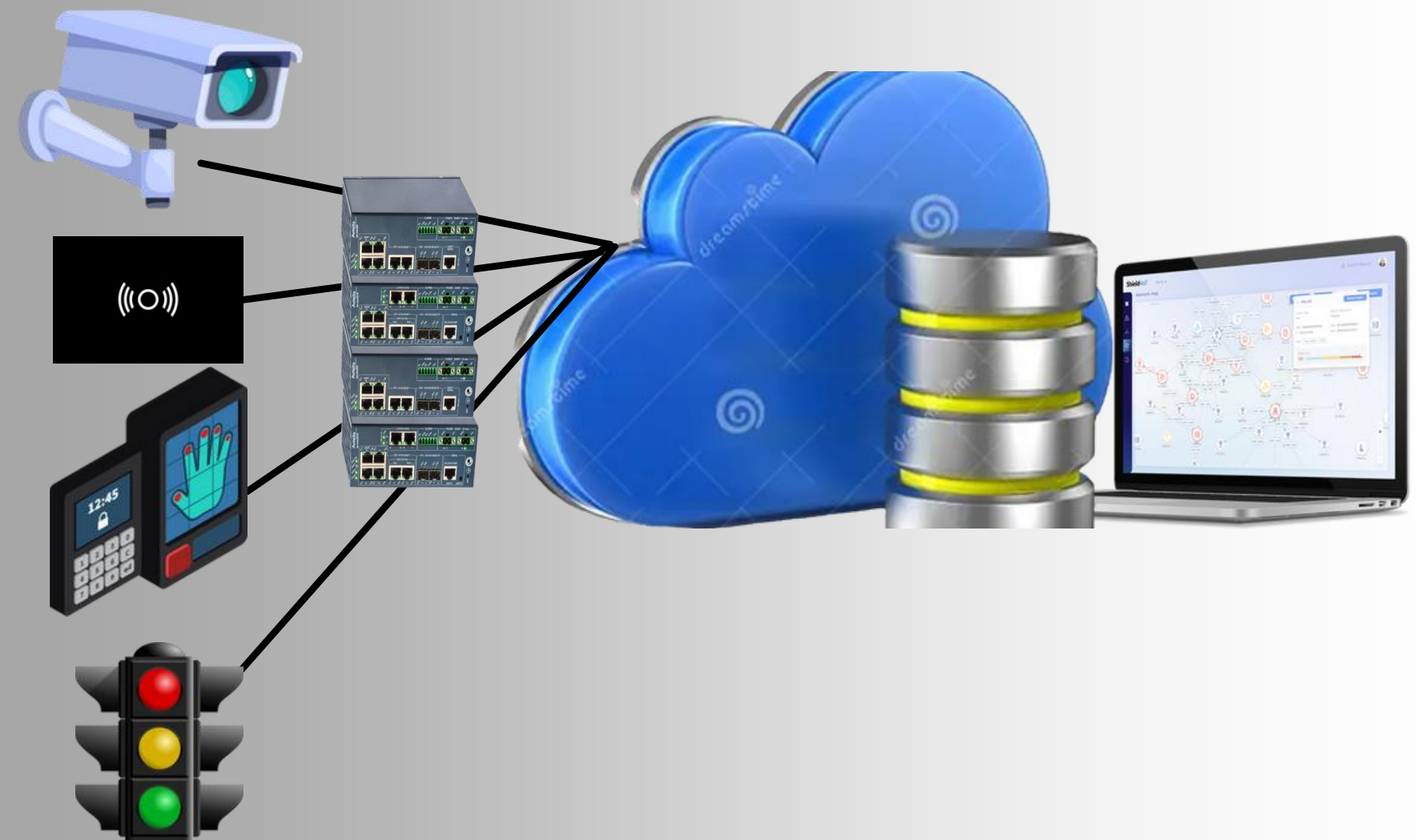


MetaShield: Network-Based SaaS Cyber Protection for the Edge



AI-Powered Asset Intelligence & Threat Management That Comes With the Network

Blocking Intrusions at Network Edge



**Continuous
Visibility**



**Anomaly
Detection**



**Auto-correct
vulnerabilities**



**Performance
Tracking and
Certification**

Select Customers Who Trust Actelis' Solutions

SMART GRID



SMART CAMPUS



SMART TRANSPORTATION



SMART CITY



Gov, MILITARY & POLICE




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Recent Select Wins



Actelis Receives \$2.3 Million Order for Immediate Delivery of New Hybrid-Fiber Intelligent Networking Solution For Washington D.C.'s Department of Transportation



Strategic Order from the FAA for Critical Air Traffic Control Infrastructure Modernization



New Order from Leading Texas Telco Carrier for Rural Broadband Expansion in Hill Country

Fiber-only networking solution support fixed wireless radio delivering high-speed connections



Deployment of Legacy T1 To Fiber Solution with Major U.S. Carrier

ML650SV Modernizes T1 & TDM Networks



Italian National Transportation Infrastructure Project

\$300,000 order received from new local channel partner



Cyber-Hardened Distribution Network Connectivity for Major Central German Utility Provider



First Hotel Order for GigaLine Hospitality Solution

Strategic partnership with global hospitality platform provider



- **Positioned at the intersection of huge Edge-AI, Cybersecurity, and Defense markets**
- **Multi-year public funding tailwinds.**
- **Unique, defensible IP; well-branded reputation, and strong domain expertise**
- **Experienced team and new strong players for US Federal market**
- **Broad coverage of partners and customers, with many success stories, positioned for strong growth in 2026**

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