Zscaler Cellular

Extend Zero Trust for Every Cellular Device, Everywhere.

SOLUTION BRIEF

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The Market Challenge

Cellular IoT is already transforming how enterprises operate with 9 billion connections by 2030, powering everything from factory floors to field infrastructure. The enterprises pulling ahead are the ones securing it. The ones that aren't? They're one compromised SIM away from a headline.

Every unmanaged cellular device is an open door:

- **DDoS and botnet attacks –** business disruption and reputational damage at scale
- **Lateral movement –** one compromised device becomes a full-scale ransomware event
- **Ungoverned remote access –** supply chain exposure and operational outages you won't see coming
- **IoT and OT-targeted malware –** consequences that go beyond data, straight into your physical world

The cost of doing nothing isn't theoretical. It's the next outage, the next breach, the next headline



The Solution

Zscaler Cellular brings Zscaler's Zero Trust Exchange to the mobile network, enabling secure, fast access for mobile users and mobile-connected devices, without backhauling traffic through data centers, and without exposing apps or infrastructure to the internet.

Securely, reliably, and at scale – without extending your corporate network.

- **Granular policy enforcement** at the SIM level for every device
- **Centralized visibility** across all cellular traffic globally
- **Zero attack surface –** no exposed IPs, no inbound connections
- **Single contract** replacing fragmented carrier agreements across 500+ operators in 185+ countries

[1] https://iot-analytics.com/cellular-iot-market-update-spring-2026/

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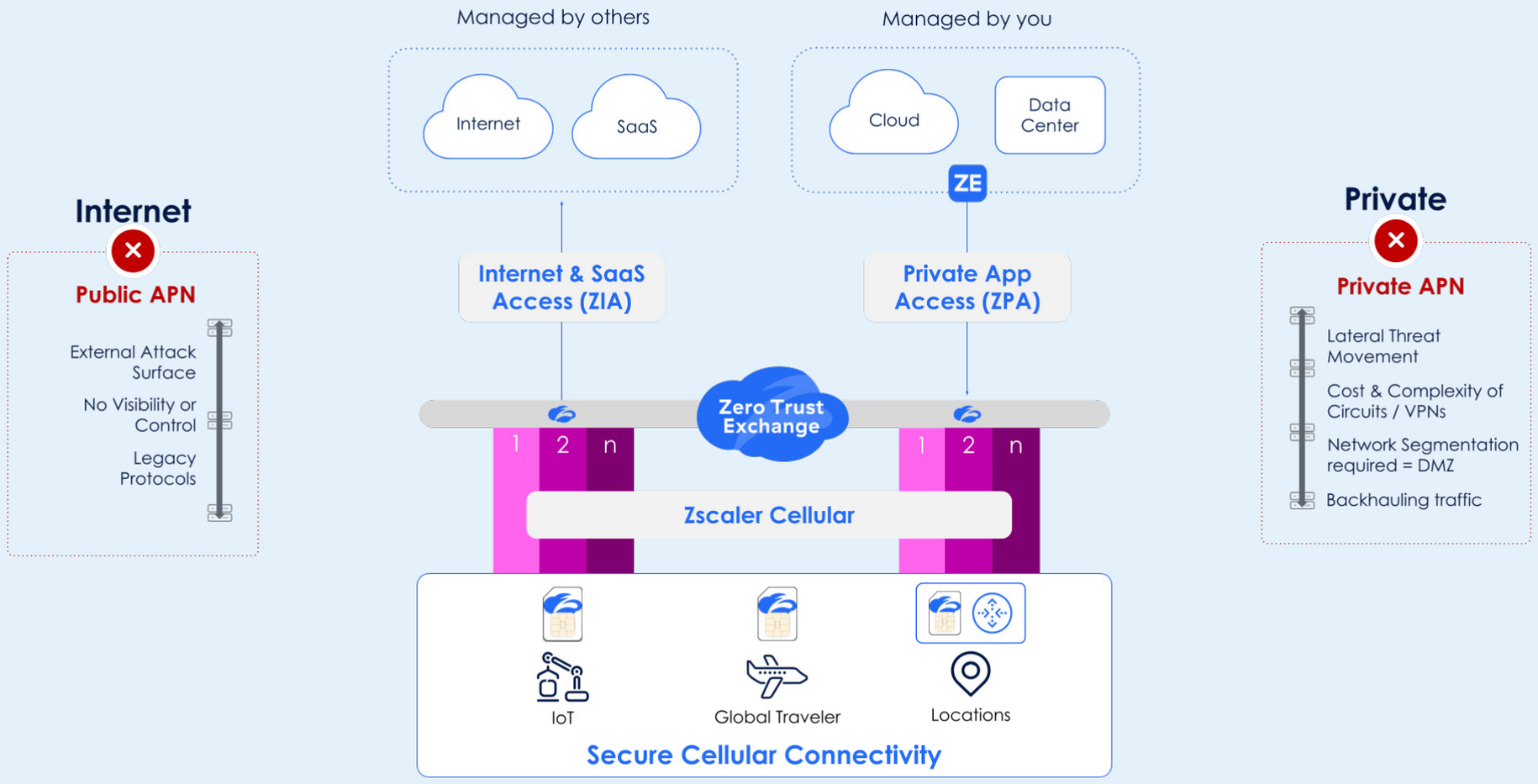
How it works

Unlike VPNs and private APNs that put devices on the network, Zscaler Cellular enforces per-session, policy-based access — keeping workloads invisible, lateral movement contained, and every connection inspected from a single control plane. The result: faster deployments, reduced operational complexity, and a cellular estate that's secure by design. The **Zscaler Cellular Service** is fully managed by Zscaler to provide the SIM, the cellular path, and the secure on-ramp. Enable SIM and go — zero infrastructure, instant deployment.

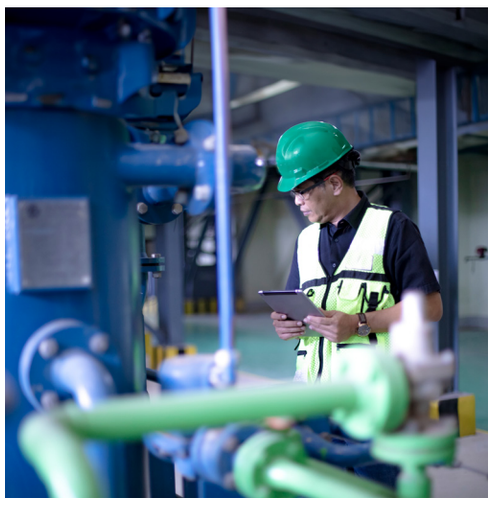


Key Use Cases



Manufacturing

Automatic failover and real-time sensor connectivity keep production lines running



Critical Infrastructure

Always-on visibility and secure OOB access for every remote asset



Retail

Agentless security for every POS, kiosk, and scanner on the floor



Logistics & Fleet

Live telemetry for predictive maintenance and end-to-end shipment tracking

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Success Story

Maverick Transportation Puts Zero Trust Cellular in High Gear

Komatsu Australia reduces reliance on Telstra-locked SIMs in security push

Benefits

- **Improve Productivity** *Multi-operator coverage. Direct-to-cloud routing. Always-on connectivity.*
- **Reduce Business Risk** *No attack surface. Every SIM is isolated. Full traffic visibility.*
- **Reduce Costs and Complexity** *One contract. One platform. No firewalls. No circuits.*

Why Zscaler?

1. **Deploy:** Go live instantly. No infrastructure. No complexity.
2. **Reach:** One SIM. Every network. Everywhere
3. **Protect:** Invisible to attackers. Impenetrable by design
4. **Control:** See everything. Govern every device
5. **Simplify:** One SIM. One platform

See it in action **Book a demo**

THE CHANNEL CO. CRN TECH INNOVATORS WINNER 2026

Zscaler Cellular has been named a 2026 **CRN Tech Innovator award** winner in the Edge Computing/Internet of Things (IoT) category. This recognition validates that Zscaler is innovating in exactly the right areas, extending Zero Trust to the cellular IoT landscape through simplified deployment, identity-based policy, and end-to-end visibility via the Zscaler Zero Trust Exchange

About Zscaler

Zscaler (NASDAQ: ZS) accelerates digital transformation so customers can be more agile, efficient, resilient, and secure. The Zscaler Zero Trust Exchange™ platform protects thousands of customers from cyberattacks and data loss by securely connecting users, devices, and applications in any location. Distributed across more than 150 data centers globally, the SSE-based Zero Trust Exchange™ is the world's largest in-line cloud security platform. Learn more at **zscaler.com** or follow us on Twitter **@zscaler**.

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zscaler™

Act Fast. Stay Secure.