



SiteConnect

End-to-end
connectivity for
modern
construction sites

Construction sites demand reliable connectivity for safety, productivity, and digital transformation. Poor mobile signals, network dropouts, and fragmented solutions create operational risk. SiteConnect delivers comprehensive connectivity—combining Cel-Fi signal boosting with SD-WAN resilience—ensuring teams stay connected from groundwork to handover with enterprise-grade reliability and centralised management.

Why SiteConnect

- ✓ **Complete site coverage:** Boost mobile signals by 100 dB while SD-WAN provides multi-path resilience, ensuring 99.5% uptime for critical communications.
- ✓ **Rapid deployment:** Deploy in 4-6 weeks with zero-touch provisioning, 50% faster than DAS and without complex carrier negotiations.
- ✓ **Unified security and management:** Centralised cloud platform for both cellular and WAN management with integrated NGFW, segmentation, and continuous monitoring.

How it works

- 01 Deploy:** Install Cel-Fi boosters for mobile coverage and SD-WAN edge devices for network connectivity with 5G/LTE backup.
- 02 Monitor:** Cloud platform tracks signal strength, network performance, and application health with real-time alerts and analytics.
- 03 Optimise:** AI-driven path selection routes critical apps, while automated coverage adjustments adapt to site changes.

Getting started with Ericom

- 1 Assess your site connectivity challenges and network requirements to design an integrated solution.
- 2 Deploy Cel-Fi and SD-WAN with zero-touch provisioning and instant carrier integration.
- 3 Train your team on unified management platform with ongoing Australian support.

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Innovative features

IntelliBoost amplification - Advanced chipset provides up to 100 dB gain with all-digital DAS hybrid for sites up to 90,000 sq metres, delivering safe boosting without interference.

Application-aware SD-WAN - Routes per app and SLA (latency/jitter/loss), prioritising Teams, Zoom, and critical construction apps to avoid brownouts and reduce communication dropouts.

Unified cloud management - Single pane for both WAVE cellular monitoring and SD-WAN orchestration with floor plan uploads, real-time analytics, and role-based access control.

Multi-carrier and 5G support - Boosts 4G, LTE, and 5G simultaneously across all carriers with 5G/LTE WAN backup providing rapid failover for continuous connectivity.

Integrated security stack - High Power User Equipment increases transmit power up to 6x standard, ideal for distant construction areas and large sites.

Zero-touch deployment - Template-driven rollout with plug-and-play Cel-Fi installation (under 1 hour) and pre-staged SD-WAN devices that auto-configure on connection.

TOTALCOVERAGE

Connectivity dead zones and network failures threaten modern construction. SiteConnect combines cellular signal boosting with SD-WAN to deliver complete site connectivity—ensuring teams stay productive, safe, and connected throughout every project phase.

ABOUTUS

Ericom delivers smart construction solutions by combining deep industry expertise with proven connectivity technologies. We help construction firms drive digital transformation through secure, reliable connectivity that scales from single sites to enterprise-wide deployments.

ALWAYSONLINE

Multi-site projects need secure connectivity that scales. Our hybrid approach delivers carrier redundancy through Cel-Fi multi-carrier support and SD-WAN path diversity, maintaining business continuity and enterprise-grade security even during outages.

NEXTSTEPS

Request a demo and connectivity assessment to see how SiteConnect can transform your site operations. Our specialists will design a tailored solution combining cellular and network connectivity aligned to your project requirements.



SiteConnect can be integrated across diverse construction environments, including:

- Commercial construction sites
- Infrastructure projects
- Remote and FIFO operations
- Multi-storey developments
- Project site offices
- Mining and resources sites
- Industrial facilities
- Temporary event sites
- Civil engineering projects
- Residential developments

Let us show you how.

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