

Case Study: Enabling Secure, Scalable Mobility in UK Construction **Delivered by Elite Mobile in partnership with a trusted reseller**

Overview

Elite Mobile, a leading UK mobile hardware distributor, worked alongside a trusted reseller partner to support a large UK-based construction and infrastructure business in modernising its mobile device estate. Leveraging Android Enterprise and Microsoft Intune, Elite Mobile delivered a secure, scalable mobility solution across more than 2,000 Samsung smartphones and tablets. The project highlights Elite Mobile's technical expertise, deployment capability, and ongoing support—key pillars in delivering enterprise-grade mobility at scale.

1. Partner Expertise

Scaling Secure Mobility for Construction Operations

The construction business required a robust and repeatable approach to deploying and managing mobile devices across multiple sites and operational teams. Elite Mobile and its reseller partner were engaged to design and deliver a solution that reduced deployment effort, improved consistency, and strengthened governance.

Deployment Highlights:

- Deployed over 2,000 Android Enterprise devices across multiple operational teams.
- Implemented Android Zero-touch enrolment integrated with Microsoft Intune.
- Delivered standardised device configurations aligned to construction workflows and site-based use cases.

Expanded Commentary:

Elite Mobile's role extended beyond hardware supply. The project focused on building a scalable mobility framework that could support ongoing device refresh cycles, new project mobilisation, and future growth. Automated enrolment and consistent policy enforcement ensured devices remained managed and compliant throughout their lifecycle, significantly reducing operational overhead.

Expert Focus:

- Technical consultancy on Android Enterprise deployment models.
 - Zero-touch portal configuration and Intune integration.
 - Ongoing lifecycle, provisioning, and support services.
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2. Product Excellence

Use Case: Mobile Enablement for Field-Based Construction Teams

The business required durable, secure Android devices capable of supporting demanding site environments while maintaining consistent access to digital tools and data.

Key Capabilities Delivered:

- Fully managed devices restricted to approved applications via Managed Google Play.
- Centralised policy enforcement for security, updates, and compliance.
- Configurations optimised for site-based and shared device scenarios.

Results:

- 65% reduction in device deployment time through Zero-touch enrolment.
- 45% reduction in IT support tickets due to standardised configurations.
- Improved operational efficiency through reliable, always-managed devices.

Product Focus:

- Use of rugged and enterprise-grade Samsung devices to extend device lifespan.
- Remote management, lock, and wipe capabilities via Intune.
- Reduced downtime through proactive monitoring and policy-driven updates.

3. Performance

Supporting Construction Operations at Scale

Elite Mobile continues to provide structured, responsive support through defined service levels and ongoing optimisation. Centralised management ensures consistent performance across all deployed devices, regardless of location.

Key Metrics:

- 99.8% device uptime across the deployed estate.
- Faster onboarding for new projects and refresh cycles.
- Reduced total cost of ownership through standardisation and lifecycle management.

Performance Focus:

- Centralised visibility through Intune reporting and analytics.
- Proactive monitoring and policy optimisation.
- Scalable framework to support future device growth.

Solution Highlights

Device Management:

A fully managed Android Enterprise environment integrated with Microsoft Intune provided centralised control over configuration, security policies, updates, and compliance.

Enrolment:

Android Zero-touch enrolment ensured devices automatically enrolled from first boot, reducing manual handling and enabling rapid deployment across sites.

Security:

Devices were provisioned with enforced encryption, secure boot, managed app access, and remote lock/wipe capabilities, ensuring consistent protection across the mobile estate.

Operational Efficiency:

Pre-configured devices shipped ready for use significantly reduced setup time, improved consistency, and lowered IT workload.

Sector-Specific Impact – Construction:

- Enabled consistent mobile access to digital tools across multiple sites.
- Supported shared and task-specific devices using dedicated mode.
- Delivered secure, compliant mobility in demanding field environments.

Conclusion

This project demonstrates Elite Mobile's ability to deliver secure, scalable Android Enterprise solutions for large, complex construction operations. By combining automated enrolment, centralised management, and enterprise-grade hardware, Elite Mobile and its reseller partner enabled a resilient mobility platform that reduced deployment effort, strengthened governance, and supported operational efficiency at scale.