Boost Edge and Field Productivity With Denali Mobile Device Management

Mobile Workflows Drive Modern Business

It's estimated that nearly 60% of the U.S. workforce today is mobile, frontline workers — employees who don't require a desk or an office to do their work.[1] Yet consumer-grade mobile devices aren't architected for the rigorous needs of field or on-the-go use. Not only are they susceptible to performance issues in harsh environments, like heat and cold, but they lack enterprise functionality to support complex workflows.

Challenge: Mobile Device Chaos

The inability to deploy a strategic, enterprise-class fleet of mobile devices leaves companies operating on a mix of old, new, and personal technologies to perform workflow duties at the edge. As many as 75% of workers already rely on two or more devices to complete their work duties.[2]

Deploying one-size-fits-all mobile devices does little to support edge workflows. Nor do BYOD device policies that force employees to use their personal devices to perform work-related tasks. Use of Mobile Device Management services can replace ad hoc mobile fleet rollouts with strategic deployment of mobile technology based on workflow and business requirements.

Impact of Outdated Mobile Devices

▸ **Connectivity:** 3G cellular is unreliable and incompatible with a 5G future
▸ **Performance:** Legacy devices have increased lag time that slow workflows
▸ **TCO:** Battery issues and breakage over time raise device costs in repairs
▸ **Complexity:** Employees rely on multiple devices to perform tasks

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According to IDC, investments in mobile-based management and security solutions will take precedence in 2020 and beyond.[1]

80%

Of IT executives say employees cannot do their jobs effectively without a mobile phone[3]

58%

Of companies use apps to enable mobile access to critical enterprise systems[3]

62%

Of workers say mobile phones or tablets play a key role in keeping them productive at work[4]

Solution: Panasonic TOUGHBOOK®
With Denali Mobile Device Management

Denali keeps mobile workforces productive with the Panasonic TOUGHBOOK® N1 rugged wireless all-in-one handheld for use by field, mobile, and transportation workers. It keeps workers connected with 4G/5G LTE and a quad-core processor to accelerate workflows. A waterproof exterior, long life, warm swappable battery, and MIL-STD durability ensure reliable performance in any environment, while the rear-facing bar code scanner is ideal for touchless transactions. The Android OS is compatible with enterprise-grade applications and supports enhanced push-to-talk technology (EPTT).

Denali Mobile Device Management services simplify TOUGHBOOK® N1 deployment with 24/7 support to procure, configure, secure, activate, and manage your mobile assets. It reduces downtime and disruption with our depot/exchange service to replace a device within 24 hours.

Results: ROI of Denali Mobile Device Management

▸ Reduction of IT debt through the elimination of outdated assets
▸ Lifecycle management for EOL
▸ Improved connectivity to eliminate dropped connections
▸ Consolidation of devices for streamlined operations
▸ Centralized management services for all endpoints and infrastructure

Denali Mobile Device Management Use Cases

Armored Car Connectivity

Denali works with armored car companies to streamline cabin connectivity with TOUGHBOOK® N1 handhelds. A single hand-held device with location data tracks every step of their journey. Advanced 4G/5G connectivity accelerates the transfer of cash, transit, and reporting data. Electronic keys eliminate the need for manual keys to open lockboxes. Angled bar code scanners streamline the processing of cash bags. As a result, armored car drivers are more agile and productive with one device to manage their entire workflow.

Streamlined Last-Mile Delivery

Last-mile delivery in the supply chain involves a mix of personal and transport vehicles to get goods to their destination. Reliance on consumer devices for last-mile delivery workflows can result in downtime or delays if poor cellular connection cuts drivers off from delivery data. Denali works with last-mile delivery companies to deploy TOUGHBOOK® N1 handhelds with 4G/5G reliability, bar code scanners, and built-in cameras to streamline package deliveries.

Baggage Handling

Baggage handlers perform a highly orchestrated workflow to collect, sort, and check luggage against flights and transfer bags from check-in and departure areas. Every piece of luggage transported to and from aircraft needs to be tracked and accounted for. Denali deploys TOUGHBOOK® N1 handhelds to airline personnel with EPPT for real-time communication between handlers and airline staff from the tarmac to the terminal.

TOUGHBOOK® N1 All-in-One Handheld Features:

- Android™ 9 OS
- Powerful, slim rugged handheld
- Qualcomm® Octa-core processor
- Rear-facing barcode reader
- 5MP HD front facing webcam; 8MP HD rear camera
- Long-lasting, warm swappable batter
- 4G LTE, FirstNet Ready™, Band 14 connectivity
- Bluetooth
- NFC
- Wi-Fi 802.11
- Enhanced Push-to-Talk (EPTT) capable
- MIL-STD-810G rated for drop, dust, and water-resistant durability
- Patented rain sensing and glove touch enabled screen
- 3-year warranty with business class support

About Denali Advanced Integration

Denali Advanced Integration delivers exceptional technology solutions and services powered by strategic experts and industry-leading partners to help guide our clients through the most complex IT challenges. Since 1992, Denali has been among the most trusted and prominent technology providers in North America.

Call 425.885.4000 to learn more about Denali Mobile Device Management.

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TOUGHBOOK
EDGE
Authorized Mobility Partner

[1] IDC, Mobile Workers Will Be 60% of the Total U.S. Workforce by 2024, According to IDC, Sept. 2020.

[2] Netmotions Software, Just How Many Devices do Remote Workers Use? Jan. 2021.

[3] Perillon, Mobile Devices in the Workplace: 40 Statistics You Should Know in 2021, Aug. 2020.

[4] Nasdaq, How Mobile Devices Became a Key Enabler of Productivity for Today's Dynamic Workforce, March 2021.