



Defense, Space & Security

# Boeing Black Smartphone

Security, modularity  
and productivity  
delivered in one  
trusted mobile device



# Boeing Black Smartphone

Security, modularity and productivity delivered in one trusted mobile device

## The Challenge

The U.S. defense and security communities demand trusted access to data to accomplish their missions. Despite the continuous innovation in commercial mobile technology, current devices are not designed from inception with the security and flexibility needed to match their evolving mission and enterprise environment.

## Our Solution

The Boeing Black smartphone was designed with security and modularity in mind to ensure our customers can use the same smartphone across a range of missions and configurations.

## SECURITY + MODULARITY = PRODUCTIVITY

Through embedded hardware security features, software policy configurations and physical modularity, Boeing Black gives customers a trusted, more flexible and productive solution.

### Product Specifications

- Display: 4.3" qHD (540 x 960 pixels)
- Weight: 170g
- Battery: Lithium-Ion 1590 mAh
- Dual SIM Supported Bands:
  - LTE 700/1700/2100
  - WCDMA 850/1900/2100
  - GSM 850/900/1800/1900
- Bluetooth v2.1 + EDR-enabled connectivity
- Dual 1.2 GHz ARM Cortex-A9 CPUs
- Storage: On-board + microSD
- Expansion Ports: micro USB, PDMI, Modular 24-Pin Connector
- Security Features: Embedded FIPS 140-2 Key Storage, Hardware Inhibits, Trusted Modules, and Configurable OS Security Policies

## SECURITY

Boeing Black's security is powered by the Boeing PureSecure architecture, which was designed from the outset for the mobile environment. Our architectural foundation is built upon layers of trust from embedded hardware, operating system policy controls, and compatibility with leading mobile device management systems. The device's hardware roots of trust and trusted boot ensure the device starts in a trusted state, enabling maximum security of data. Hardware media encryption and configurable inhibit controls are embedded to protect the device, its data, and the transmission of information, significantly reducing the risk of mission compromise due to data loss.

## MODULARITY

Boeing Black provides unparalleled modularity and integration with other mobile ecosystems based on mission-specific requirements. Boeing Black's flexibility is enabled by a modular expansion port. The expansion port can be used for integrating additional sensors or technology enhancements like satellite connectivity or expanding power capacity, plus other customizations. The device also includes connections for portable digital media interface (PDMI), universal serial bus (USB) and secure digital (SD) cards.

## PRODUCTIVITY

Boeing leveraged more than 100 years of combined IT innovation experience from across the company to deliver a trusted and highly productive mobile solution for both the user and device administrator. Boeing

Black has a dual-SIM capability that enables users to switch between government and commercial networks. Boeing Black integrates seamlessly into customer mobile device management systems and virtual private networks. Running an operating system for Android™ with enhanced software security policy configuration, customers can configure the device for maximum mission productivity and security.

