

QUALCOMM HAVEN SECURITY SOLUTIONS

Our comprehensive suite of robust security technologies helps safeguard privacy and protect sensitive user data from attacks.



PROCESSING

IMAGING

CONNECTIVITY

GRAPHICS

SECURITY

FAST CHARGING

DISPLAY

VIDEO

AUDIO



MALWARE DETECTION

Detect the newest mobile malware with Qualcomm® Snapdragon™ Smart Protect.

- Protects privacy by keeping device data and user information more secure.
- Detects zero-day malware in real time using machine learning-based behavioral analysis.
- Offers the robust protection of hardware-based security and system-wide optimizations.



BIOMETRIC AUTHENTICATION

Ditch passwords with Qualcomm® Snapdragon Sense™ ID technology.

- Captures and matches more fingerprint details more consistently using ultrasonics.
- Gives OEMs more design options by enabling scanning through glass, plastic and metal.
- Ensures more secure connection among online devices using the FIDO UAF protocol.



THEFT DETERRENCE

Protect your device, your data and yourself with Qualcomm® SafeSwitch™ technology.

- Allows users to remotely lock and unlock their own mobile devices.
- Includes hardware SIM-lock to disable connectivity if owner's SIM is removed.
- Confirms that device lock requests are coming from a trustworthy source.



THE QUALCOMM® SNAPDRAGON™ 820 PROCESSOR IMMERSIVE AND INTELLIGENT.

Introducing the new all-in-one Snapdragon 820—the most powerful mobile processor Qualcomm Technologies has ever created. With Qualcomm Haven™ security solutions built in, our mobile-optimized system-on-a-chip offers hardware-based malware detection and critical data processing on the device, rather than in the cloud, for robust security, personal privacy and control. And with exceptional power, high performance and extremely low energy consumption, the Snapdragon 820 offers more immersive user experiences and an all-new level of mobile intelligence.