

HINTON Mobile Data Probe

The HINTON Mobile Data Probe provides monitoring of mobile data services to meet the growing need for lawful interception and intelligence gathering in GSM, UMTS and CDMA2000 wireless networks.

KEY FEATURES

- GSM/UMTS Gn/Gp interface support
- CDMA 2000 Aquater interface support
- MAP signaling monitoring
- Interception of subscriber data sessions
- 100,000+ active target filters
- Target on mobile subscriber identities (IMSI/MSISDN/IMEI)
- Shared subscriber identity mapping
- Standards compliant handover (ETSI TS 133 108)

KEY BENEFITS

- Market leading hardware density
 - Only 1U rack space for up to 8 GigE inputs
- Reliable interception of subscriber data communication
- Intercept based on known identities
- Ease of integration to existing collection/mediation systems with ETSI standard interfaces

APPLICATIONS

- Lawful interception for regulatory compliance
- Interception for intelligence gathering
- Target identity and location monitoring
- Network survey

OVERVIEW

The HINTON Mobile Data Probe is used by telecommunications operators and law enforcement agencies to provide regulatory enforcement of lawful interception, and by government agencies involved in the collection of signals intelligence for homeland security purposes. The data gathered is used to counter terrorism, corruption, and criminal threats such as drug trafficking.

The HINTON Mobile Data Probe enables the simultaneous monitoring of thousands of subscriber data access sessions on GSM and UMTS wireless telecommunications networks, capturing complete subscriber data sessions based on known mobile network identities and providing intercept handover using standards based interfaces from ETSI/3GPP.

Monitoring at the Gn interface interconnect between serving and gateway GPRS support nodes provides optimal coverage, with optional monitoring of the Gr and C/D interfaces for improved subscriber identity correlation from MAP signaling carried over SIGTRAN, and the ability to monitor network interconnects (Gp interface) to offer full coverage as needed.

Telesoft Technologies has been deploying intelligence gathering and lawful interception solutions since 1991, and we have built an enviable reputation for ease of connection into a wide variety of networks with local standards variants, reliability in the field, and our ability to provide innovative solutions to issues encountered by LEAs and law enforcement agencies in the successful acquisition of the right intelligence.

