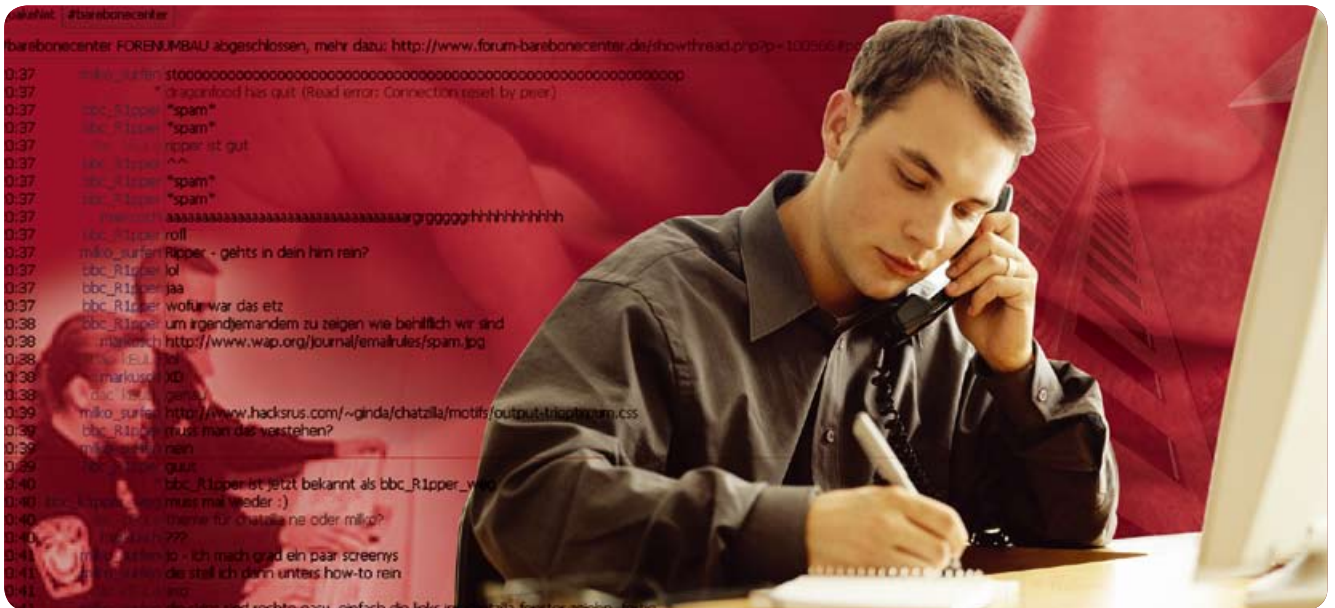




Product Data Sheet



AccuGUARD™

Lawful Interception Solution

Lawful Interception is defined as an action based on law performed by a network operator / service provider (NOW / AP / SvP), of making available certain information and providing that information to a law enforcement monitoring facility. AccuGUARD™ is the market leading solution for Lawful Interception from Accuris Networks.

Across the globe, national governments have implemented legislation mandating lawful interception. This legislation usually requires co-operation between a Network Operator (NWO) and a Law Enforcement Agency (LEA), whereby the NWO makes certain information available to the LEA. The whole process is driven by a legal order concerning a target individual.

A number of challenges arise for LEAs and NWOs alike as they try to fulfil their obligations within the Lawful Interception process:

- Safeguarding society and safeguarding rights, who wants to trade privacy for security?
- Collecting all of the information required but at the same time collecting only the information that is required
- Establishing sustainable cost models for the interception process
- Introducing new technologies to intercept the latest methods of communication
- Keeping ahead of criminals and their use of cyber cafes, proxy ISPs, encryption, prepaid services etc.
- Adhering to standards, roles and regulations

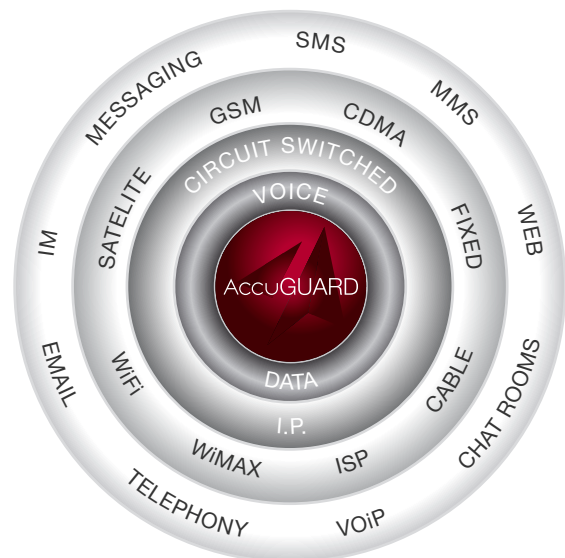


Fig 1: Lawful Interception on both circuit and IP based networks

What is AccuGUARD™?

AccuGUARD™ is a voice and data interception solution for all networks. The solution is designed to meet the prevailing standards from ETSI and CALEA as well as numerous national specific standards.

The solution contains a comprehensive set of tools for all types of communications on circuit switched or IP networks. It includes tools for interception, mediation, recording and exploitation of all forms of communications utilised by targets. A flexible architecture means a host of deployment options are placed at the disposal of the end customer. Some examples of AccGUARD's deployment flexibility are as follows:

AccuGUARD™ “IP” for targeted interception in IP networks. In this situation, the interception tools and the exploitation tools are managed separately i.e. the NWO manages the interception tools and provides a

hand over interface to the LEA who manages the exploitation tools. In this case, the target’s traffic is intercepted on the ISP’s network by its assigned IP address or on specific application level attribute values. The intercepted

traffic content with associated intercept related events are simply delivered to a Law Enforcement Monitoring Facility (LEMF) using an approved handover specification.

The previous example outlines a fairly simple scenario concerning just one type of communication. AccuGUARD™ can cater for much more complexity, for example AccuGUARD™ “All Networks” can be deployed where different types of communications and network infrastructure exist and where the interception tools may be managed by the same organisation e.g. the LEA or other government agency. In this situation, Accuris Networks would integrate tools from selected technology partners to provide a sophisticated end-to-end voice and data monitoring solution with a host of interception, mediation, recording, alerting and exploitation options.

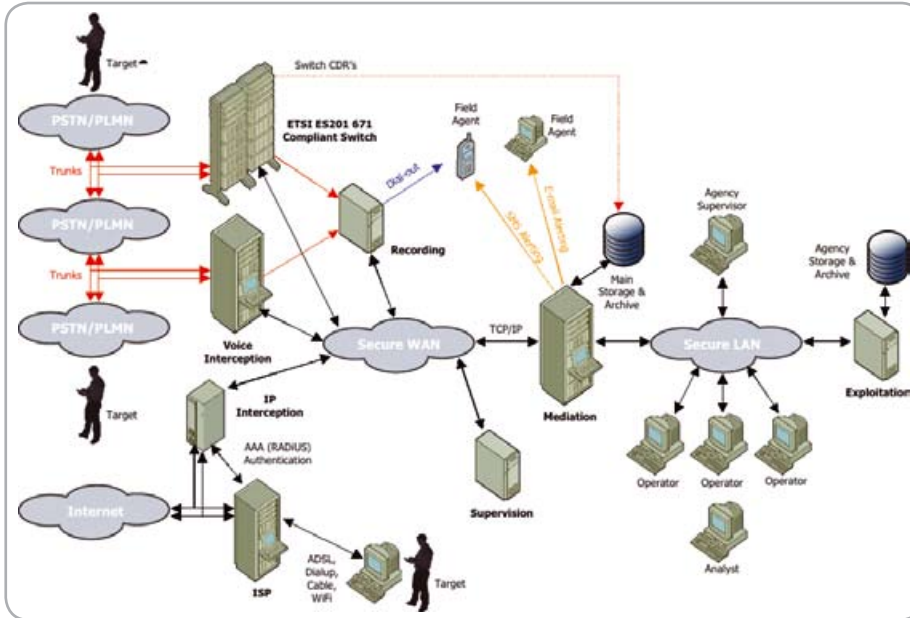


Fig 2: Sample Architecture for Voice & Data Interception

AccuGUARD™ Unique Benefits

Customer Control

The customer has complete control over Lawful Interception across all network types. Remote management facilities reduce overheads and simplify administration tasks through the ability to centrally and securely control all warrants.

Network Vendor Independence

AccuGUARD™ has been designed to work on various types of vendor equipment, whether it's LI compliant switches (i.e. switches with in built interception features) or non-LI compliant and regardless of who has supplied the equipment.

Cost Effective

AccuGUARD™ minimises equipment costs by avoiding functional replication and centralising principal components.

Security and Peace of Mind for the Customer

An overlay infrastructure minimises security risks through access controls and roles definitions to ensure that users view only the data they are authorised to view.

Network Coverage

AccuGUARD™ enables nationwide coverage of any dialled number, telephone call or IP traffic.

System Flexibility

AccuGUARD™ is a highly configurable component-based system that can be easily customised to individual customer needs and integrated with existing systems and networks

Value Added Features

Comprehensive alerting mechanisms including email, outbound voice conferencing and SMS text messages can be provided in addition to many additional special features, including, covert tracking, roaming notification, target logging, alerting, GPS, etc.



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