

# Location Lawful Intercept

## The path to compliance for operators

**Lawful Intercept solutions** – enabling mobile network operators to comply with Lawful Intercept (LI) mandates in the most cost effective way possible.

Minimise the impact on your network whilst ensuring compliance with standards, and maintaining high availability, with proven world class technology.



### Turn compliance into competitive advantage

In addition to the commercial opportunity generated by location based services, increasing numbers of mobile network operators worldwide are being obligated to install Location Infrastructure to meet government Location Lawful Interception legislation. This infrastructure feeds data to government security service agencies.

Location Lawful Intercept is commonly regarded as being legislation that will inevitably be passed by every government in the world. If operators anticipate it - and invest today in the location infrastructure – then they can exploit this investment to deploy commercial location-based services that will give them competitive advantage.

### Benefits to the mobile network operator:

- » Comply with Location Lawful Intercept mandates cost effectively
- » Take advantage of low CAPEX and OPEX costs.
- » Capitalise on dual purpose opportunity – LI platform also supports commercial LBS
- » Fast and seamless integration within a mixed core and radio network environment
- » Utilise an experienced, end-to-end supplier allowing access to revenue-generating applications



## The need for compliance

The ability to accurately locate mobile devices is becoming an essential element in the provision of security services and the compliance with Lawful Intercept (LI) mandates by mobile network operators.

Operators worldwide are increasingly being obligated to provide Location Lawful Intercept information to government agencies including Law Enforcement, National Security and Intelligence.

## Government requirements

- » Intercept related information
- » Accurate data
- » Full Network Coverage - visibility of all subscribers at any time
- » Fast location response times

## Operator requirements

In order to meet legislative requirements, mobile network operators need to ensure their network is capable of supplying the required information to government bodies. To do this, the appropriate positioning technology needs to be installed into their network infrastructure without disruption or visibility to subscribers.

LI solution requirements include:

- » Cost effective implementation
- » Minimal disruption to the network
- » Flexibility - ability to meet all agency requirements
- » Data security and privacy
- » Reliability - exact information requested must be available at any time
- » A robust service providing high redundancy

## The solution

Creativity Software's Location Lawful Intercept solution can be deployed in any network (CDMA or GSM) and enable any mobile device to be located. It leverages a variety of positioning technologies from Enhanced Cell-ID to Assisted-GPS. The turnkey solution offered by Creativity Software consists of:

- » Location positioning infrastructure
- » Location enabling interfaces
- » Lawful Intercept tracking application

## Features

Key application features:

- » Locate and track targets, and replay their movements over time
- » Create alarms for a range of events based on the locations of your targets
- » Draw circular or complex-shaped geofences to use in setting zone entry or exit alarms
- » Tag geographical points of interest (POIs) on the map
- » Assign security operators to cases so that only those with permission have access to certain targets
- » Get detailed reports on targets' locations and movements
- » Use a range of mapping options and incorporate different map layers

Key solution features:

- » Provides interface (OMA MLP) to existing Law Enforcement monitoring centres
- » High availability, secure, independently tested, locked-down
- » Interoperability with mixed core and radio network environments
- » Utilise one platform for both Lawful Intercept and commercial LBS

## Contact us

For more information about how Creativity Software can enable your Lawful Intercept requirements please visit:

[www.creativitysoftware.net](http://www.creativitysoftware.net)

or contact us at:

[sales@creativitysoftware.net](mailto:sales@creativitysoftware.net)



### About Creativity Software

Creativity Software is a UK company that specialises in Location Based Services. The company provides Mobile Network Operators globally (GSM & CDMA, 2G & 3G) with Location Positioning Infrastructure, Middleware and Applications, enabling them to:

- (1) comply with lawful intercept government legislation
- (2) deploy zone billing, and
- (3) deploy new revenue-generation services for both consumers and enterprises.

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