SS8®

COLLECT. MONITOR. LOCATE. ANALYZE. VISUALIZE.

ACCURATE, RELIABLE, AND FAST LOCATION INTELLIGENCE TO HELP SAVE LIVES

SS8 Networks provides the most effective and efficient platform to collect, monitor, locate, analyze, and visualize lawful and location intelligence data. For more than 20 years, we have been innovating and evolving our solutions to optimize how communications service providers (CSPs) meet regulatory requirements for emergency services and law enforcement, helping make societies safer.

Our advanced Caller Location, Public Warning, and Track & Trace solutions help Emergency Services maximize lives saved. SS8's network-based solutions provide active and passive location intelligence without relying on the device and can also leverage technologies such as Advanced Mobile Location (AML) to rapidly deliver the most accurate and reliable positioning data, every time.

WE EMPOWER EMERGENCY SERVICES WITH:

- **ACCURACY:** SS8 delivers high accuracy, sub-cell network location with the highest audited accuracy worldwide.

- **RELIABILITY:** Our solution complements device-based positioning methods such as AML or GPS, which may be disabled or unavailable, with more reliable data, which is extracted directly from the network itself.

- **SPEED:** SS8's platform provides device location in real-time.

- **COVERAGE:** We locate any mobile phone, anywhere in the world, on any network – even roamers.

- **VISIBILITY:** Our compliant platforms include a comprehensive location audit capability.

ACTIVE IN
35
COUNTRIES

COVERING MORE THAN
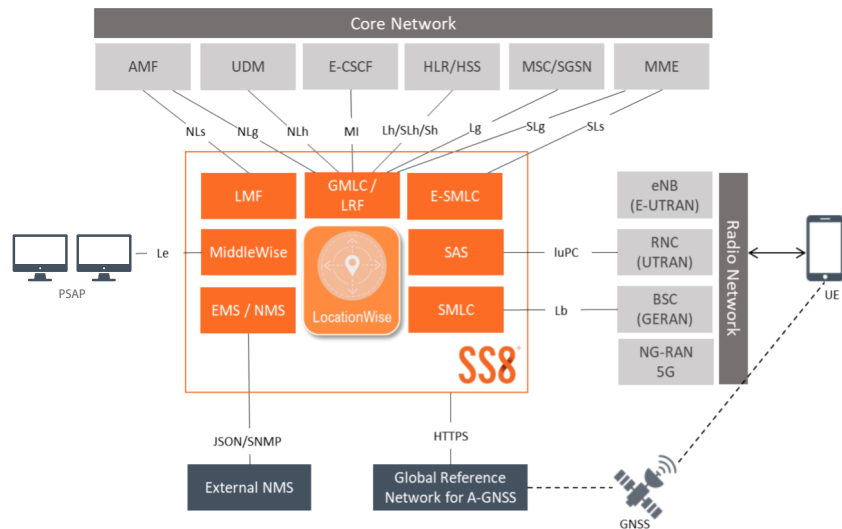**1BN**
SUBSCRIBERS

6
OF THE WORLD'S LARGEST INTELLIGENCE AGENCIES USE SS8

100%
OF MOBILE NETWORK DEVICES SUPPORTED

150
VENDOR INTERFACES

Proven network equipment interoperability with over 150 vendor interfaces to expedite deployment.

LocationWise

Fast and Precise Location Data

A COMPREHENSIVE APPROACH TO EMERGENCY LOCATION

SS8's LocationWise product suite is a complete software solution that offers 3GPP/ETSI-compliant Control Plane location. The turnkey platform is ready 'out-of-the-box' to fulfill emergency services or LEA requirements across all network generations and can be hosted in an emergency provider's central data center or distributed in CSPs' environments.

LOCATIONWISE

SS8's LocationWise quickly delivers the highest and most reliable location accuracy, helping emergency services to maximize lives saved, and enables CSPs to achieve regulatory compliance with minimum disruption, time and cost.

FEATURES

Highest location accuracy, reliability, and speed

We extract location data from the network - the most reliable source - using highly precise algorithms, then leverage our patented Accuracy+ intelligent RF-fingerprinting solution to further improve results. SS8's LocationWise also allows multiple location sources (mobile networks, Wi-Fi, AML/device, apps, etc) to be integrated in a single platform to provide the highest level of accuracy, reliability and speed.

Seamless deployment and evolution

SS8's LocationWise is a 3GPP/ETSI-compliant and cloud-ready location platform that works across 2G, 3G, 4G, and 5G networks. It is designed for seamless deployment and evolution, with no re-architecturing of the network environment required. This ensures that an emergency caller's location is delivered rapidly and without interruption, meeting emergency location mandates with minimal impact to a CSP's core business.

Supporting the evolving requirements of emergency services

LocationWise encompasses a standard cell-ID GMLC, a high accuracy SMLC/SAS/E-SMLC/LMF with optional support for control plane A-GNSS, and SS8's proprietary Accuracy+. It supports next-generation emergency architectures such as NG-112 (Europe) and NG-911 (USA, Americas). The solution also supports 4G IMS networks with the LRF/RDF nodes required to handle emergency calls on LTE networks (VoLTE), and Voice over New Radio (VoNR) to enable 5G emergency call location.

WHY CHOOSE SS8 NETWORKS?

A. SS8's easy-to-use solutions and extensive experience enable CSPs to effectively comply with emergency services and law enforcement regulations with minimum disruption, time, and cost.

B. We deliver the highest and most reliable network location accuracy, as audited by the Ministry of Information Technologies and Communications in Colombia.

C. As part of the European Commission's Help 112 initiative, we provided architectural and best practice recommendations and helped audit the location accuracy of AML capabilities.

D. We helped to design the first code of practice in the UK for location-based services, working with the Home Office, Police, and Mobile Operators.

E. We have been an Advisory Board Member of the European Emergency Number Association (EENA) since 2011 and provide expertise and capabilities to the UK Office for Security and Counter Terrorism (OSCT).

Contact SS8 today to learn how we can help you address regulatory mandates and deliver effective emergency location services to help save lives.

sales@ss8.com
+1 408 944-0250
www.SS8.com

SS8® | Trusted Lawful and Location Intelligence Solutions