

JaggedXY™ Platform

Advanced Location Analytics for Mobile Operators

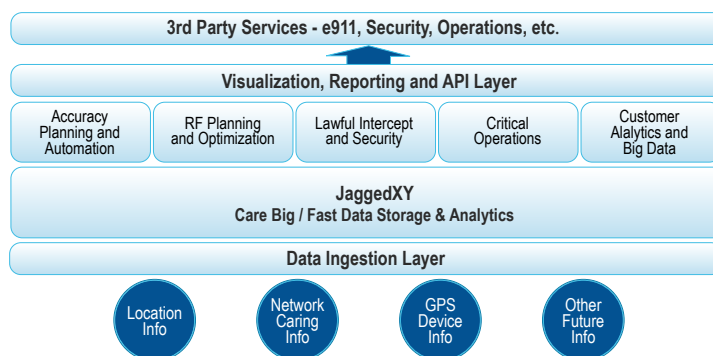
JaggedXY Overview

Faced with increasing regulatory and homeland security demands along with ever-growing network complexity and costs, mobile operators today are searching for solutions. These solutions must not only meet imposed location accuracy and reporting requirements but also deliver cost savings and new revenue opportunities.

JaggedXY is the market leading [advanced location analytics solution](#) designed for mobile operators. JaggedXY significantly improves location accuracy for multiple use cases including: E911 / Emergency Services, Lawful Intercept, Operator Services and Value-Added Services. Additionally, other use cases are in development or planned.

The JaggedXY Location Analytics Platform

Delivering an Advanced Location Analytics Platform for today and tomorrow's needs



By consolidating core location information from the Carrier Location Platform, along with the cell site information and other sources, JaggedXY's advanced machine learning and analytics engine delivers descriptive, predictive, and prescriptive analytics to automate and improve location services. JaggedXY creates a visually rendered digital twin of the network enabling the Carrier to view and enhance performance in real time, reduce costs and deliver new 5G services with a level of accuracy not previously available.



Key Features and Benefits

Delivering Savings, Compliance and Security

JaggedXY consolidates multiple silos of real world and configuration data into one powerful advanced analytics engine providing unrivalled abilities to deliver new insights into the mobile radio access network and its users. Dynamically assembling and analyzing data in real time, JaggedXY improves the accuracy of services today and delivers the data to create the dynamic 5G network of tomorrow. JaggedXY generates significant operational savings, reduces unneeded capex spend, and can save lives and make our world more secure.

Accuracy Planning and Automation

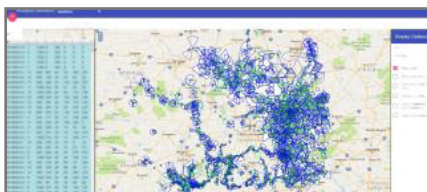
Improve Accuracy, Lower Costs, Meet Stringent Compliance Requirements

Accuracy Planning and Automation is at the core of our solution and addresses the growing regulatory demands for e911 accuracy, reporting and automation. Highly valued features include:

- a) Cell Site Geometry Calibration – calibrate cell site geometry settings to deliver accurate locations
- b) Neighbor List Optimization – identify and provide optimized Neighbor lists
- c) Calibrated Output – provide cell site settings that reflects the real-world performance
- d) FCC / CRTC Reporting – meet all FCC/CRTC reporting requirements for accuracy of emergency lookups
- e) Cell Site Governance – monitor changes and new cell site implementations to ensure continued accuracy
- f) Accuracy Heat Map – identify at a cell site level where the accuracy in your network is not meeting the required regulatory target visually on a geographic display

The JaggedXY Interactive Visual Interface delivers results you can see and instantly understand

Network view



Good cell Geometry



Poor cell Geometry



About Us

The Location Technologies group of Comtech Telecommunications Corp. is a leading provider of precise device location, mapping, public safety, and messaging solutions. Sold around the world to mobile network operators, government agencies, and Fortune 150 enterprises, our platforms allow you to locate, map, track, and message.

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