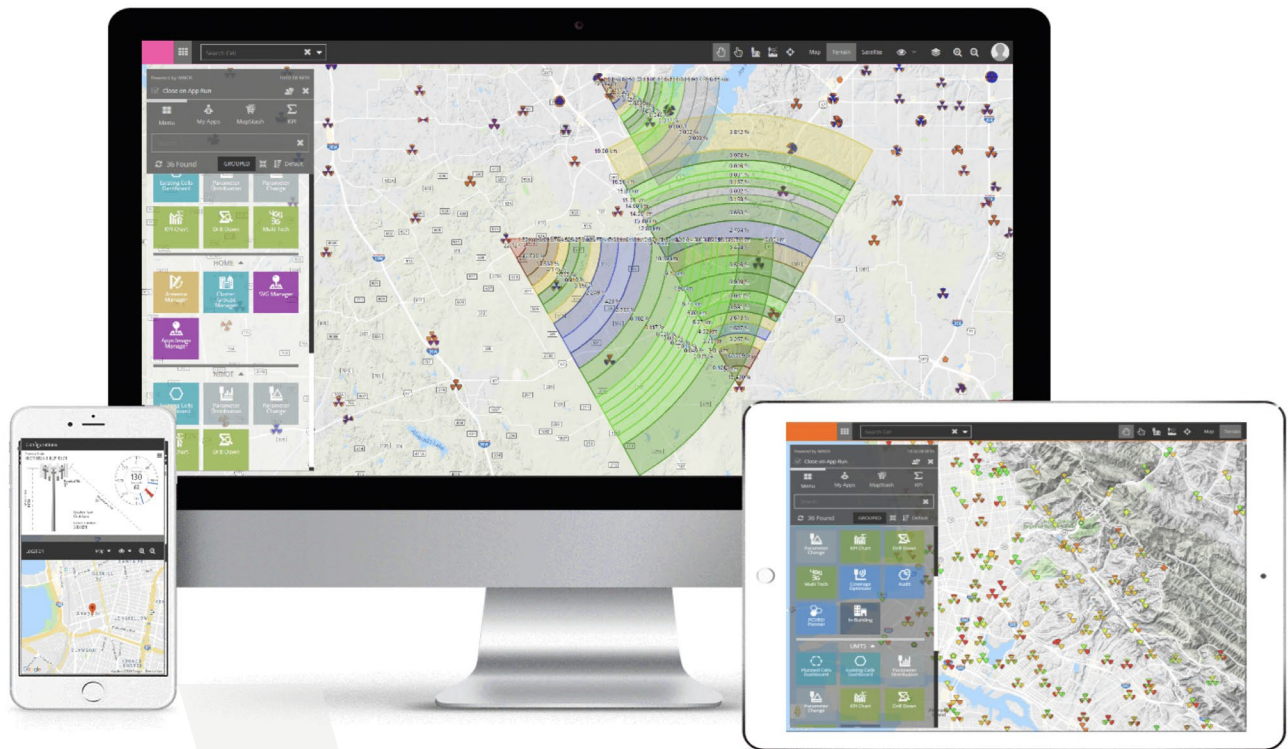# amdocs IMNOS (integrated mobile network optimization solutions)
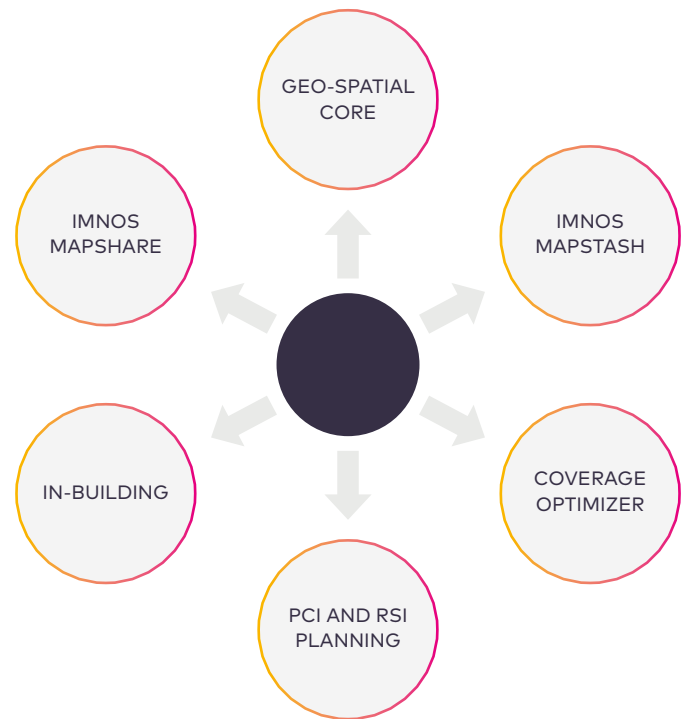
Amdocs IMNOS is a web platform that enables network operators to consolidate data sources and tool output into a single, efficient source. It provides data visualization and drilldown capabilities that simplifies viewing of multiple complex data, while drastically enhancing daily operational efficiency.

As operators increase investments in big data collection systems, the solution's data analytics capabilities maximizes their ability to extract value from the available information. With Amdocs IMNOS, users can view network configurations, KPIs, events and demographics, as well as other non-engineering operator data (sales data, trouble tickets, retail) within a single map and dashboard view – placing network insights at their fingertips on any device.

The solution

- Combines data analytics practices and approaches of different tools into a single web visualization platform

- Provides simplified views and information for quick actions and review

- Brings together various tools and datasets to maximize process efficiency at the market, regional and national levels

- Maximizes value of existing tools and the CSP's data, utilizing advanced analytics and cross-tool correlation

GEO-SPATIAL CORE

IMNOS MAPSHARE

IMNOS MAPSTASH

IN-BUILDING

COVERAGE OPTIMIZER

PCI AND RSI PLANNING

Why Amdocs IMNOS

- Increases existing big data utilization and value by enabling visualization and analysis of available geolocation data, leading to understanding of customers' network experience and identification of optimization opportunities

- Boosts engineering efficiency via single interface for key views, data and reporting (i.e., configurations, design and performance metrics)

- Increases customer satisfaction and revenue through identification of worst-performing base station cells, to enable fast root-cause analysis and rectification and subsequently, improved network performance

- Provides real-time network monitoring through alarm availability, as well as daily, hourly and 15-minute performance monitoring, with fast drill-down capabilities

- Facilitates high-level network overviews, with scheduled and ad-hoc reporting, as well as map visualization

- Common platform enables increased cross-organization operations

- Social media sentiment index, generated via automated analysis of social media posts (e.g. tweets), enables user perception evaluation and direct comparison with competitors

- Supports latest technologies, such as LTE LAA, NB-IoT, LTE-M and 5G

- Maximizes value of existing tools by pooling all available information into the solution

- Enables base configuration and complex add-ons, including in-building measurements layers, network OEM vendor call trace, physical cell identifiers (PCI)/root sequence index (RSI) planning, physical configuration audits and recommendations, as well as ability to import custom data layers from operator's various data sources

For more information visit: **Amdocs 5G Fast**

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