

Pilot Pioneer Expert

Desktop-based Post Processing Solution



Pilot Pioneer Expert is a powerful desktop solution designed for in-depth analysis of data collected from Pilot products. It offers advanced capabilities for post-processing analysis, troubleshooting, and statistical reporting, enabling users to transform raw data into actionable insights.

This innovative solution empowers network professionals with the tools needed to enhance network performance and optimize subscriber experience. By leveraging comprehensive analytics, Pilot Pioneer Expert delivers critical information that helps inform strategic decisions and drive network improvements.

Highlights

- Supports the latest technologies
- RF and QoS measurement with instant result
- In-depth 5G NR analytics collected from Pilot data tools
- Universal software for network optimization and troubleshooting .

Features & Benefits

5G NR Network Testing (Incl. RedCap)

Pilot Pioneer Expert supports a comprehensive range of network technologies, including 5G NR (with RedCap), LTE, NB IoT, eMTC, LTE-A Pro, WCDMA/HSPA+, and CDMA2000®. It enables standard-compliant RF level measurements, with flexible time- and route-triggered testing across various frequencies.

Its modular architecture allows for easy expansion to accommodate emerging technologies, ensuring a future-proof solution. The software, optimized for Windows, offers a user-friendly interface and provides in-depth analysis for 5G NR, including detailed user equipment (UE) and scanner cell measurements.

Trust-worthy 5G NR Analytics

Pilot Pioneer Expert enables in-depth analysis of 5G NR scanning receiver and user equipment (UE) measurements collected with Pilot data tools. It offers a comprehensive set of leading key performance indicators (KPIs) for advanced analytics, along with ready-made report templates and playback workbooks for efficient analysis of critical metrics.



Optimization and Lab-testing

Pilot Pioneer Expert employs advanced machine learning techniques to pinpoint specific areas for network optimization. It provides drill-down capabilities and root-cause analysis, offering detailed insights into every parameter that influences the quality of experience for end users.

Actionable Network Testing Analytics

Pilot Pioneer Expert highlights network performance issues and analyzes their potential causes, allowing users to quickly identify problems from a macro level down to individual cell sites and sessions. The 5G NR analysis delivers in-depth measurements for user equipment (UE) and scanner cells, along with comprehensive NR cell configuration analysis, enabling efficient resolution of 5G NR issues.

Explore more at: <https://telecom.dingli.com>

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