

PIWORKS



PI WORKS
**EVO
PLATFORM™**



Configuress

Automated Parameter Audit
& Compliance

Automated Configuration Management

Eliminate parameter inconsistencies and improve network quality through automated parameter configurations.

Configurex leverages automation to maintain the integrity of network parameter settings. It also offers cross-technology and cross-vendor configuration parameter analysis functions, including historical change detection, automated configuration audits and golden parameter compliance automation.

It directly reduces OpEx through reductions in resource-intensive troubleshooting activities such as drive testing and cell base optimization. It also ensures defect-free network operations and minimizes customer complaints proactively.

Key Capabilities & Benefits

- ✓ Enables defect-free networks for better customer experience and reduced customer complaints.
- ✓ 1100 man-day savings made annually via closed loop actions and the elimination of routine manual checks.
- ✓ Continuous change management achieved through historical parameter tracking.
- ✓ Consistency checks conducted using automated network audits with reference equipment parameters.
- ✓ Rapid integration period for off-the-shelf functions, with a time-to-result of approximately two weeks.

Establish and Maintain the Consistency of Your Network

Configurex uses configuration management data to automatically conduct checks on the network health. The product tracks and controls changes in the network parameters consisting of multiple vendors and technologies, automatically fixing any inconsistencies based on operator policies.



Product Features

- ✓ **Multiple technology support:** Supports 2G, 3G, 4G and 5G technologies.
- ✓ **Multi-vendor support:** Configurex's capabilities support vendors including Ericsson, Huawei, Nokia, Alcatel-Lucent and Samsung, ZTE and many others.
- ✓ **Historical parameter change tracking:** Users can easily query parameter changes for a defined period of time. No prior SQL or coding knowledge is required.
- ✓ **Distribution analysis:** Parameter values are illustrated using histograms for a defined network zone and time period.
- ✓ **Finder audits:** Recommends the optimum cell configuration based on operator policies, such as identifying the best PCI, PSC or BCCH for any selected cell location.
- ✓ **Configuration audits:** Allows for the quick identification of inconsistent configuration parameters for a selected zone, such as missing neighbour definitions, incorrect external cell definitions or conflicting cell code usage.
- ✓ **Parameter compliance:** Maintains the consistency of the network configurations based on the operator's network management strategy.

Automated, Proactive and Transparent

Configurex provides increased transparency of your network parameters for efficient tracking, management and improvement of your network configuration.

Configurex is designed for;

Continuous change management



Providing OpEx reduction and time savings



Automated network configuration management



Enabling a defect-free network



Standardized and transparent configuration management



Proactive configuration management



Faster root cause analysis



About P.I. Works

P.I. Works is a leading provider of AI-driven mobile network planning, management and optimization solutions. P.I. Works combines field-proven expertise with a commercially available product portfolio and services. These solutions enable Mobile Network Operators to accelerate 5G transformation and improve network quality. P.I. Works has deployed its solutions at 60 mobile network operators in 42 countries.

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