P.I.WORKS

P.I. WORKS EVO PLATFORM™

CFG

Configurex

Automated Parameter Audit & Compliance

Automated Configuration Management

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

Configurex product builds single & unified view of network configuration processing information across technologies and domains, fixing non-compliances of network configuration to match the network design and strategy policies.

Configurex includes change identification, change management, automation for network element provisioning and retirement, and flexible framework for creation of custom audits.

Configurex functionalities assure error-free network and reduce OpEx by eliminating the need for resource-intensive troubleshooting activities.

Key Capabilities & Benefits

– Enables defect-free networks for better customer experience and reduced customer complaints.

– Proven OpEx savings with parameter auditing through auto-provisioning and the elimination of routine manual checks.

– Unified E2E view of multi-vendor & technology networks, with off-the-shelf support of all available parameters.

– Faster roll-out with less operational load through pre-defined new site parameter templates and script generation.

– Quick trouble-shooting capability with reference NE comparison and historical parameter tracking

– Advanced programmability with flexible SDK (software development kit)

Establish and Maintain the Consistency of Your Network

Configurex uses configuration management data to automatically conduct checks on the network configuration consistency and compliance. 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 and domains support: Supports 2G, 3G, 4G and 5G technologies for RAN, Core and Transport domains.

– Multi-vendor support: Offers support for all major traditional and O-RAN vendors, including Ericsson, Huawei, Nokia, Samsung, ZTE and others.

– Change Detection: Enables users to easily check all of the parameter changes for a defined period of time.

– Parameter compliance: Maintains the consistency of the network configurations with the utilization of flexible and complex baseline policies tailored to meet the requirements of the operator.

– New Site Integration: Smooth roll-out plans and integrations are automated for the newly-launched sites with the power of configuration templates.

– Rich set of off-the-shelf configuration audits: Allows user to identify missing neighbor definitions, incorrect external cell definitions, conflicting cell code usage, and power related parameters, etc.

– Automation for NE provisioning: Provides on-demand check and correction of inconsistent parameters based on network policies for newly launched NEs.

– Network Element Comparison: Conduct a comparative analysis of configuration parameters by

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 detection and management

Providing OpEx reduction and time savings

Automated network configuration management

Enabling a defect-free network

Advanced framework & SDK for custom network checks

Unified View of Network Configuration

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 Open RAN Adoption and improve network quality. P.I. Works has deployed its solutions at 70 mobile network operators in 48 countries.

For more information, please visit
http://www.piworks.net/products
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