



P...IWORKS

SERVICES

Designed to Orchestrate
Your Network and
Accelerate Transformation






Services for the Entire Network

We provide managed services, professional services and training services, spanning radio access, transmission and core networks.

P.I. Works services scale to help our customers manage the increasing network complexity and the growing network traffic effectively and efficiently. We also provide the expertise necessary to support your network transformation goals. With our multi-vendor and technology capabilities, our services can adapt to the changing needs of your network.

P.I. Works services span the entire network. We give you the power to free up engineering resources from operational tasks, and enable them to focus on delivering innovative services.

Value for Our Customers

Solution based approach	
Process automation with centralized SON	
Complex, multi-vendor Het-Net management and optimization	
Proven services methodology committed to delivering results	
Deep industry knowledge and world-class expertise	



MANAGED SERVICES

*Achieve sustained quality improvements
combining SON automation with world-class
network experts*

PLAN ►

OPTIMIZE ►

OPERATE ►

PLAN

Designing a quality network that is aligned with your budgetary plans and business objectives is a key element of providing better customer experience. P.I. Works engineers utilize our Smart Network Planning tools to identify and implement the optimum site expansion strategy and new site positioning.



OPTIMIZE

In the hands of our engineering experts, P.I. Works' uSON product suite automates network quality optimization, dynamically implementing the best solution in the most cost-effective manner.



OPERATE

On-going operation and management of your network to meet a well-defined SLA is successfully done by P.I. Works. The proven use of automation in network operations minimizes human errors and improves overall efficiency.





PROFESSIONAL SERVICES

Deliver targeted improvements to your network and solve specific challenges

AUDIT & BENCHMARKING ►

CONSULTING ►

OPTIMIZATION ►

AUDIT & BENCHMARKING

Clearly understanding the current state of your network is vital. P.I. Works services will measure the mobile network performance and target improvement areas.

- Drive test, crowdsourced data analytics, and benchmarking
- Parameter audit & consistency checks
- Network architecture audit
- Technology strategy audit
- Planning guidelines preparation



CONSULTING

P.I. Works consulting services steer you towards the mobile networks of tomorrow.

- Network transformation strategy formulation
- End to end knowledge management
- Training procedures development and management
- High level and low level network planning



OPTIMIZATION

You can achieve the highest network service quality possible with uSON product family and associated field services.

- uSON integration with operator's IT and OSS systems
- Pre-launch optimization
- Post-launch optimization
- Solution-based, subscriber-centric optimization





TRAINING SERVICES

*Enhance efficiency and effectiveness
of your team*

PRODUCT TRAINING ►

TECHNOLOGY WORKSHOPS ►

PRODUCT TRAINING

Product trainings ensure that different users become proficient in P.I. Works products and solutions, and decrease the time needed to master new products.

- uSON Certified User
- uSON Certified Power User
- uSON Administrator



TECHNOLOGY WORKSHOPS

Our workshops are designed to equip participants with the skills and confidence to work on today's network more efficiently while preparing for future technologies.

- Standard Technical Training
- Customized Technology Sessions



uSON[®] Powered Services

uSON is the integrated platform for mobile network planning, management and optimization. The capabilities of the platform span the radio access, transmission and core network domains. The platform uses an in-house ETL framework to process big data. uSON uses AI algorithms to drive network quality and efficiency across 2G, 3G, 4G and 5G.

uSON[®], The Next Generation Network Management Platform

Centralized SON



Real-time, automated SON

Performance Management



Self-service analytics for the entire network

Smart Network Planning



Smart design and capacity planning

Geolocated Customer Data Analytics



Customer data correlation & analysis

RAN Tuning & Troubleshooting



In-depth analysis & problem resolution

Configuration Management



Parameter audit & revision



Solutions Embedded into P.I. Works Services

P.I. Works solutions designed to address critical mobile operator challenges. The objective is to help operators improve the mobile user experience and increase revenue, while accelerating mobile network transformation. These solutions are an integral part of P.I. Works services.

Solutions for Critical Mobile Operator Challenges



Service Operations Center



Special Event Management



VoLTE Optimization



IoT Optimization



Het-Net Planning & Optimization



Spectrum Refarming



Driveless RAN Tuning



Smart Energy Saving

Capabilities to Accelerate Mobile Network Transformation

SERVICES FOR THE ENTIRE NETWORK

P.I. Works Services target access, transmission and core networks, delivering end to end improvements to mobile networks.

SON-POWERED SERVICES DRIVE EFFICIENCY

Our vendor-agnostic centralized SON product is bundled with our expert network engineers to improve network performance, eliminate configuration errors, and drive operational efficiencies.

BOOST YOUR NETWORK OPERATIONS

We believe increasing the services quality of your network requires a thorough assessment of your current network. We help you understand the current state of your infrastructure and address the future requirements to ensure you are getting the maximum.

DEEP DOMAIN EXPERTISE, SUCCESS WORLDWIDE

Our experts work closely with you to assess the quality of your existing network and to ensure that the best quality improvements, right configuration and policies, and network expansion strategy is adopted and executed quickly and successfully.

DRIVE EVOLUTION OF YOUR NETWORK

A series of pragmatic steps should be taken to come up with the right network transformation strategy. P.I. Works helps you develop and execute the strategy that is aligned with your long term goals. Our objective is to help you fundamentally redesign your network architecture and create new sources of value.

MULTI-VENDOR, MULTI-TECHNOLOGY

Our multi-vendor and multi-technology capabilities coupled with our industry expertise help you deliver the highest quality services by solving your most complex problems.

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 more than 50 mobile network operators in 37 countries.

For more information, please visit

<http://www.piworks.net/products>

or send e-mail to sales@piworks.net

Copyright© 2020 P.I. Works. All Rights Reserved.

*... unlocking the full potential of mobile and
redefining the mobile experience worldwide*



Unlocking the Full Potential of Mobile

www.piworks.net

