EnterpriseWeb® - Netwrx.ai™

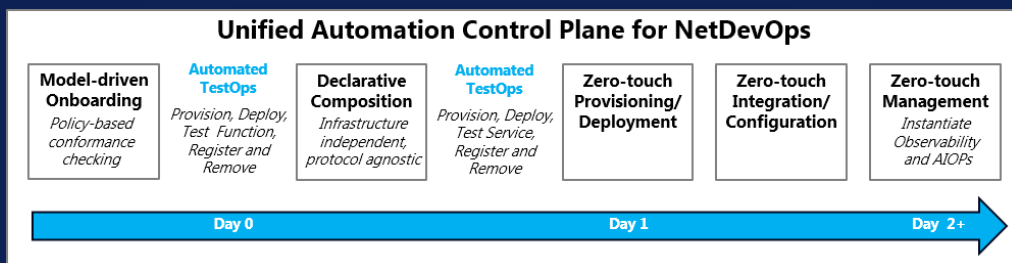Turnkey AI-powered Network Automation-in-a-Box on CPU

Telecom Systems Business

DELLTechnologies

Turnkey AI-powered Network Automation-in-a-Box on CPU

No-code intelligent automation solution with LLM and Hybrid AI ready-to-use for NetDevOps

Edge/LDC

NDC/Core/OSS/BSS

USE CASES

Unified Automation Control Plane for NetDevOps

Model-driven Onboarding	Automated TestOps	Declarative Composition	Automated TestOps	Zero-touch Provisioning/ Deployment	Zero-touch Integration/ Configuration	Zero-touch Management
Policy-based conformance checking	*Provision, Deploy, Test Function, Register and Remove*	*Infrastructure independent, protocol agnostic*	*Provision, Deploy, Test Service, Register and Remove*			*Instantiate Observability and AIOps*

Day 0 ————————————— Day 1 ————————————— Day 2+ →

SERVICES

Dell   EnterpriseWeb   RedHat

Pro-Consult   Pro-Deploy   Pro-Support   RedHat SW   Netwrx.ai SW   Ontology   Catalog

AI Software

Netwrx.ai™

Mixtral 8x22B   Kdb.ai

Red Hat OpenShift   intel OpenVINO

intel xeon   intel GAUDI

AI Infrastructure

Dell PowerEdge R760

Dell PowerEdge XE9680
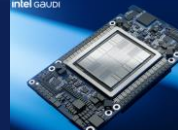
Intel Gaudi3

AI Datasets

RAN	Core	xNFs	Services	5G Slices	CaaS	Hardware

Intel [MWC24 demo](#) – GenAI NLP interface "Talk to the Network" to design, deploy and manage services
Fierce Telecom, [Fierce Innovation Award](#) for Automation/Analytics/AI, Intel 5G MEC Testbed
Light Reading, [Leading Lights Award](#), Best AI/ML Use Case, "Telco-grade GenAI for Intent-based Orchestration"

An AI-powered Telco Cloud operating system for open, multi-vendor Networking

Netwrx.ai enables telcos to immediately support network and customer AI workloads. No need for LLM training, tuning, prompts and, tokens. No writing algorithms or optimizing inference. AIOps is dynamically deployed and configured based on Network and Service Topology.

Netwrx.ai is a Super SMO.

It offers a holistic network view across the RAN, Core and Transport, and down to the infrastructure. **Netwrx.ai** connects via standards-based interfaces and proprietary CLI. It continuously observes and dynamically configures slices, services, functions and hardware for maximum performance.

Netwrx.ai puts the ROI in GenAI™

I **REDUCE OPEX:** GenAI Natural Language interface allows developers to "Talk to the Network" to design, deploy and manage complex services. **Netwrx.ai** simplifies and automates routine IT tasks to improve developer experience and increase productivity. Service delivery in days, not months!

I **REDUCE CAPEX:** AI, particularly generative AI is compute intensive. GPUs are promoted, but that spikes Telco infrastructure costs. **Netwrx.ai** has hyper-efficient methods for managing AI, which allow Telcos to run high-performance AI-powered network automation on cost-effective CPUs at a much lower TCO. No need to rip and replace infrastructure. No specialized expertise. Nuclear power not required!

I **OPTIMIZE NETWORKS: Netwrx.ai** dynamically optimizes network performance, while reducing resource and energy costs. The zero-touch management platform instantiates observability with AIOps to automate operations and maintain SLAs.

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