



Kyndryl MultiNetwork Intelligent SD-WAN Managed Services

Transform manually-maintained WAN infrastructures to automated, orchestrated SD-WAN solutions

Why enterprises are moving from traditional WAN infrastructures to SD-WAN

Organizations are demanding more value of their IT networks in response to competitive and cost pressures. Networks – the critical backbone of any enterprise system – are typically not built to meet rapidly changing business needs. This mirrors an increase in WAN (wide area network) traffic as enterprises move to hybrid multicloud environments.

That is why businesses are moving away from traditional WAN systems with their rigid infrastructure and manual upkeep. Enterprises today are updating to orchestrated and automated SD-WAN (software-defined wide area network) solutions that add flexibility and agility. SD-WAN solutions allow the enterprise to change from many labor-intensive set-up and maintenance functions to fast and accurate policy-based automation. Software and workflow templates speed and simplify the flexible addition of new applications and network features.



Kyndryl MultiNetwork Intelligent SD-WAN with a unified single-view interface

Kyndryl MultiNetwork Intelligent SD-WAN (MWS iSD-WAN) is a fully managed offering that will transform your existing WAN into a **modern, programmable SD-WAN** infrastructure. The offering includes our unique **Cloud Network Intelligent Control Center (CNICC)**, which provides a unified single-view interface into the network. You get visibility across all aspects of the SD-WAN infrastructure, including status monitoring, ticketing information, and even the ability to track the roll out of the SD-WAN environment in real time.

What Kyndryl MWS iSD-WAN with CNICC does

Kyndryl MWS iSD-WAN helps you modernize, automate and improve network performance and visibility to help you better manage your rapidly evolving hybrid and cloud environments. This solution allows you to react more quickly with remote and scalable functions for upgrading. We offer complete services including initial design, deployment, and management of the SD-WAN experience. Kyndryl can provide robust support for your legacy environment to simplify migration and deliver the latest SD-WAN services. Kyndryl MWS iSD-WAN is an elegant way of managing the complexity of the underlying infrastructure to improve flexibility, reduce errors, and help lower costs. Specifically, Kyndryl MWS iSD-WAN can help you:

1. **Reduce and better predict costs** with a pay-as-you-go billing model and as-a-service delivery model. Software-defined infrastructure helps streamline and automate network maintenance to reduce costly manual upkeep.
2. **Intelligently route traffic.** With SD-WAN you can route voice and video or highly sensitive business traffic across expensive dedicated circuits while using less expensive connectivity options for all your other traffic. This can provide a dramatic reduction in MPLS costs.
3. **Simplify your SD-WAN.** Dramatically simplify the provisioning and management of the network through orchestration and automation.

Kyndryl CNICC is included in our intelligent SD-WAN. The CNICC client experience (CX) dashboard gives you performance visibility and network insights in a single pane view. CNICC's CX also provides you with your SD-WAN deployment status in real-time, as well as with a deeper understanding of your network traffic, ticketing information, application performance* and much more. This unique tool also gives our Kyndryl network support engineers a different but also unified deep visibility for administrative, management, and maintenance purposes. This helps our Kyndryl network engineers prevent problems before they happen.

Business benefits with Kyndryl

Network appliances with fixed bandwidth circuits are not suited to rapid changes, digitalization, and multiple hybrid cloud-based workloads. With an SD-WAN, for instance, you can add a WAN accelerator, firewall, or other network functions without manual installation of new boxes, wiring, or power. The disadvantages of legacy WANs include inflexibility, cost, and complexity. The following chart outlines how Kyndryl MWS iSD-WAN with CNICC can solve many common challenges that customers experience using traditional WAN.



Business challenges with heritage WAN infrastructure	Business benefits using Kyndryl MWS iSD-WAN with CNICC
<ul style="list-style-type: none"> - Rising or unpredictable costs - Diminishing value 	<ul style="list-style-type: none"> - Reduce overall costs with a flexible payment model - Get more predictable network costs - Automate and orchestrate to free up IT resources for higher-value business needs
<ul style="list-style-type: none"> - Labor-intensive, manual processes 	<ul style="list-style-type: none"> - See SD-WAN status, transformation, and migration progress with real-time network dashboard - Reduce provisioning time from weeks to minutes
<ul style="list-style-type: none"> - Error-related incidents and downtime 	<ul style="list-style-type: none"> - Automate for fewer incidents and reduced downtime vs. manual processes - Simplify planning, monitoring, and troubleshooting
<ul style="list-style-type: none"> - Increasing complexity, inflexible architecture 	<ul style="list-style-type: none"> - Rapidly meet new business and operational requirements with greater agility, automation, and flexibility - Better manage rapidly evolving hybrid and multiple cloud environments - Respond more quickly with remote and scalable functions for upgrading
<ul style="list-style-type: none"> - Lack of holistic visibility - Limited opportunity to optimize network - Multiple tools for disparate views 	<ul style="list-style-type: none"> - View all aspects of your SD-WAN infrastructure including a deployment dashboard via a single pane view - Respond faster to dynamic network traffic usage with unified view - Simplify administration, on-boarding and user management

We help you monitor and manage your communications network environments

The Kyndryl MWS iSD-WAN with CNICC solution helps you to transform your enterprise and dynamically direct WAN traffic as needed. There are also many optional services available with CNICC, such as status monitoring of traditional network appliances and application performance. With CNICC, customers can get access to advanced network information including in-depth SD-WAN performance reporting and a deployment dashboard. Options* include views of application performance across the network, views of legacy infrastructure, and more.

Kyndryl offers extensive experience supporting our customers' fast-growing network and communications needs, helping them transform and adopt the latest technologies. We listen to your needs and help you design, build, and manage a solution that meets your business requirements. This solution isn't a cookie-cutter approach. As a vendor-neutral company, we explore the options with an unbiased technical lens, collaborating with you and our partners to find the best solution. That allows us to help you monitor and manage your network environments across multiple technologies and providers.

**May require additional software*

Why Kyndryl?

Kyndryl has deep expertise in designing, running and managing the most modern, efficient and reliable technology infrastructure that the world depends on every day. We are deeply committed to advancing the critical infrastructure that powers human progress. We're building on our foundation of excellence by creating systems in new ways: bringing in the right partners, investing in our business, and working side-by-side with customers to unlock potential.

For more information

Learn more about how **Kyndryl MultiNetwork Intelligent SD-WAN** can help your organization. For more information about all of Kyndryl's services, visit us at www.kyndryl.com



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