dimension data

accelerate your ambition

Wired and wireless-enabled enterprise

Transform how employees, customers, and things connect

Introduction

We enhance your existing infrastructure to create a new 'cognitive, adaptive network' – giving you greater business agility, simpler operations management, and security-by-design. Your network becomes a prime digital asset, unlocking new revenue opportunities through the data it provides, and supporting your growing digital ambitions.

In the era of digital disruption, the likes of cloud, analytics, IoT and mobility are dramatically altering how we interact in the modern workplace. But with more and more users, and more and more things to connect, providing a modern digital experience for your organisation and your customers is becoming increasingly difficult. Your legacy networking infrastructure simply wasn't designed for modern-day digital business needs.

Today, two major forces are driving the need for modern networks:

- The desire to transform the workplace with new real-time collaboration and mobility tools, and gather new insights from your network.

- The need to reduce risk: by thoroughly addressing the latest generation of cyber-security threats.

To stay competitive, you need a strategy that enables you to do more than just provide connectivity. We draw on the automation capabilities of software-defined networking as well as new advances in machine learning – to deliver policy-driven networks that translate your business intent into powerful network designs.

You'll get the benefits of greater application flexibility and performance, stronger security, lower costs of network management, and the ability for your network to scale limitlessly with the growth of your enterprise.

As many organisations are realising, digital services and exponential business can only flourish with a modernised network at the core.

You need a partner than can guarantee greater business agility, reduced operating complexity, *embedded network security, and release untapped revenue streams by harnessing the power of modern network infrastructure.*

To unleash true digital transformation, we'll ensure your network has these capabilities:

- Securely identify and authenticate users.

- Connect a variety of people, devices and other 'things' across the enterprise.

- Be policy-driven and programmable (not static and manual).

- Have security embedded at the edge.

- Telemetry and insights to predict when network pressures and issues happen.

- Scale to support short-term or sustained increases in traffic.

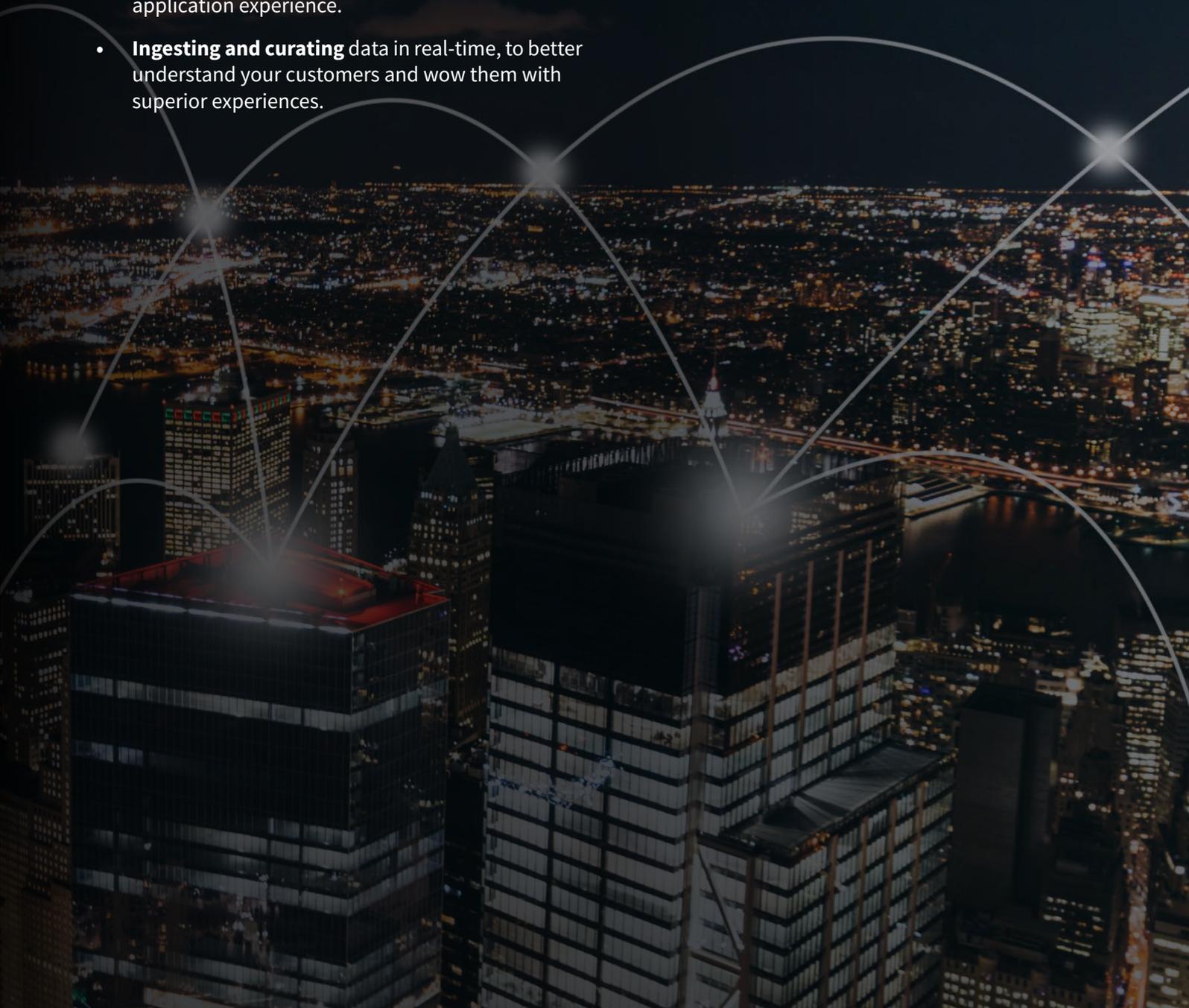- Provide exceptional application performance to all users.

We look beyond the immediate challenges of increasing data volumes, and realise that it introduces new opportunities for the business. In fact, we give you a treasure trove of rich data around employee productivity, resource usage, asset locations, guest engagement, sensor information, and more. By leveraging the network as source of new insights about customers and users, we'll unlock new revenue opportunities and competitive advantages, while enabling better customer experiences.

Services overview

We plan, design, implement, manage and evolve your tailored enterprise network. By establishing this new infrastructure, we support your ambitious digital transformation strategies and ever-growing demands from the organisation.

As we build your network, we focus on:

- **Modern network infrastructure** that's programmable, adaptable, virtualised, and 'secure-by-design'.

- **Automation of policy management,** identity and access control – to proactively manage the infrastructure to ensure a better application experience.

- **Ingesting and curating** data in real-time, to better understand your customers and wow them with superior experiences.

Challenges and solutions

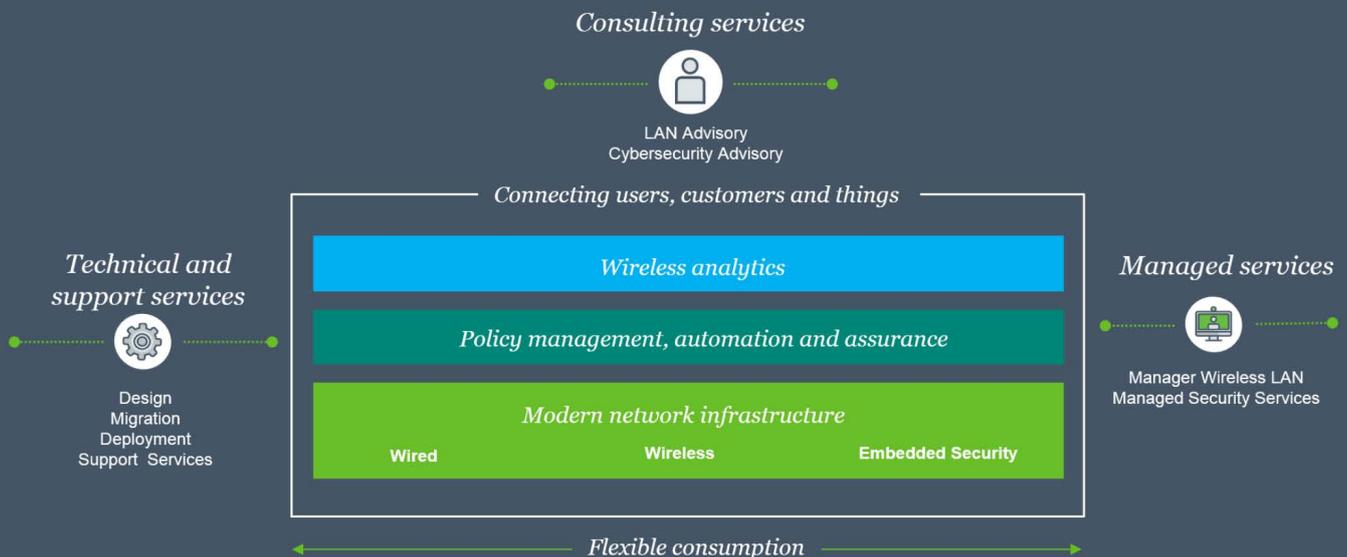| Challenge	How our solution addresses it
Legacy infrastructure not designed for today's digital business needs	Our managed services are deployed within a complex, hybrid environment to squeeze value from your legacy technology while seamlessly integrating it with SDN investments across your digital infrastructure.
Explosion of data, devices, IoT, cloud, mobility, new media	We design, deploy and manage networks that are adaptable and programmable, virtualised and fully-abstracted, while remaining highly secure at all points.
Providing secure mobile access without losing control	With our approach to securely transforming the workplace, employees can work from any location, services can be securely exposed to partners in your ecosystem, and you can bring new IoT devices onto your network.
Growing operational complexity	We take a strategic, holistic approach to managing and taking over operational responsibility across your entire network (any combination of bare-metal, on-premise and cloud-based), enabling your network to be more agile today and more scalable for tomorrow.
New generation of advanced cyber-security threats	We reduce business risk through greater data security embedded within the network – ensuring compliance with new data protection laws and minimising the risks of cybersecurity breaches.
High costs of managing the network	We provide managed and cloud services that mean you'll avoid any up-front cash outlays and reduce the cost burdens of infrastructure upgrades, while choosing from a range of commercial and licencing models to suit your business.

The complete solution

Consulting services

LAN Advisory
Cybersecurity Advisory

Connecting users, customers and things

Wireless analytics

Policy management, automation and assurance

Modern network infrastructure

Wired   **Wireless**   **Embedded Security**

Technical and support services

Design
Migration
Deployment
Support Services

Managed services

Manager Wireless LAN
Managed Security Services

Flexible consumption

The Dimension Data advantage

Dimension Data and NTT represents an unparalleled set of assets, capabilities and technologies to transform your network:

- With our stellar reputation, we're currently entrusted with managing over USD 30 billion worth of networking infrastructure.

- We've designed, built and managed thousands of network projects, enabling millions of users to connect to enterprise networks.

- **Certifications:** We hold over 5,800 networking certifications across multiple technology vendors

- **Solid track record:** We support and manage more than USD 30 billion of networking infrastructure 24/7.

- We're recognised as a market leader or visionary by major analysts - and have deep relationships with leading technology partners, visionaries and disruptors.

Transforming your network isn't about slashing and burning, ripping and replacing. *It is about smartly devising a blueprint that leverages your current technology and networking investments,* **and fits within your overarching business strategy.**

Why Dimension Data?

Transforming the enterprise: We understand that you need to dynamically transform your business, and need the ability to be proactive in evolving your network, using scalable and flexible architectures.

Strategic focus: The day-to-day running of your network is handled by an agile and reliable platform combined with our expert managed services - allowing you to focus on your strategic business initiatives.

Advanced cyber-security: We ensure your network security must protect the organisation in real-time from a new generation of threats that challenge the traditional paradigms of perimeter-based security.

Financial sustainability: By building compelling business cases, we prove the value of your network investments and unlock budgets for game-changing digital transformation programmes.