

Technology Networking

A green circular outline containing the text "ISP" in orange.

ISP

Internet Service Provider. Experience fast, reliable bandwidth and high-uptime Internet services with Datacentrix. We offer the best value for money, network quality and excellence in customer support.

A green circular outline containing the text "WAN" in orange.

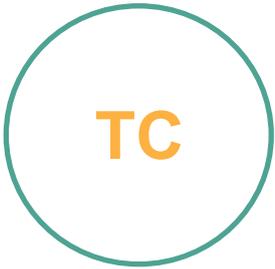
WAN

Wide Area Network. Enhance your service delivery and stay connected with wide area networks that offer reliable, hassle-free computing.

A green circular outline containing the text "NWM" in orange.

NWM

Network management is a careful combination of leading network management tools, sound management processes and requisitely qualified people.

A green circular outline containing the text "TC" in orange.

TC

Total communication is Datacentrix' holistic approach to unified communications where everything communicates with everything across well-managed, converged networks.





Datacentrix builds networks. We provide end-to-end solutions that span the network needs of most organisations – from local to metro area networks.

Datacentrix is an Internet service provider, a certified network integrator and a network service provider. Our senior architects offer top-level network consulting and guidance, while our highly experienced and well-trained engineers have provided South African and international organisations with computer network solutions for more than 15 years. We design, build, sell and support technology networks.

At Datacentrix, we understand that investing in a new or improved network is a big step. You need a partner that you can trust; one with integrity and experience. We also understand that technology in itself is not valuable unless it contributes materially to meeting your business objectives. Business drivers are important when designing a network.

Datacentrix has the expertise and track record in the field of network design to work with you to ensure the network we build aligns to your business requirements. We provide metro, wide, and local area networks that use the class-leading wireless, fibre and copper technologies available today. Our network architects cater for multiple operating systems and impregnable access control. Datacentrix' formidable security solutions can be embedded within your network architecture at the time of deployment.

In addition to built-for-purpose and converged networks, Datacentrix provides managed networks and network support services, network consulting, technology solutions and structured cabling. This includes sales, service, design, support and integration services not normally found at one supplier.

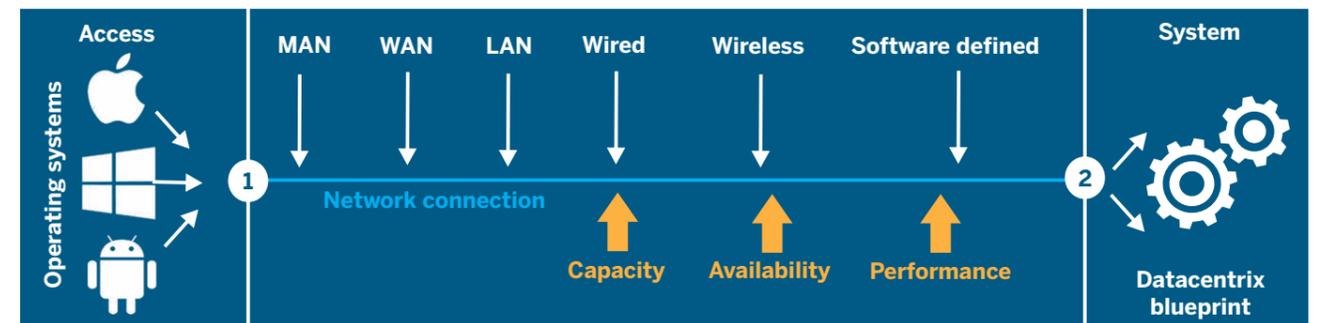
Our professional system engineers and consultants have experience with many different computer network technologies, giving us the ability to build anything from a single-server small business LAN, to high-availability networks along with infrastructure capable of supporting the most demanding needs.

Our networking solutions include:

- Metro area networks (MANs) bring interconnection of multiple networks in a city into a single, larger network that offers efficient connection to a wide area network.
- Wide area networks (WANs). Datacentrix' geographically dispersed networks that span Southern Africa and the world. Our solutions may be privately owned or rented.
- Local area networks (LANs) are confined to a single building or group of buildings. LANs can be connected to other LANs over any distance via copper or wireless infrastructure.
- Optimised networks help you drive the value of your network by removing unnecessary traffic and streamlining its operations. Datacentrix' optimised networks help you to get the most out of the applications and the communications that you're running.

The network:

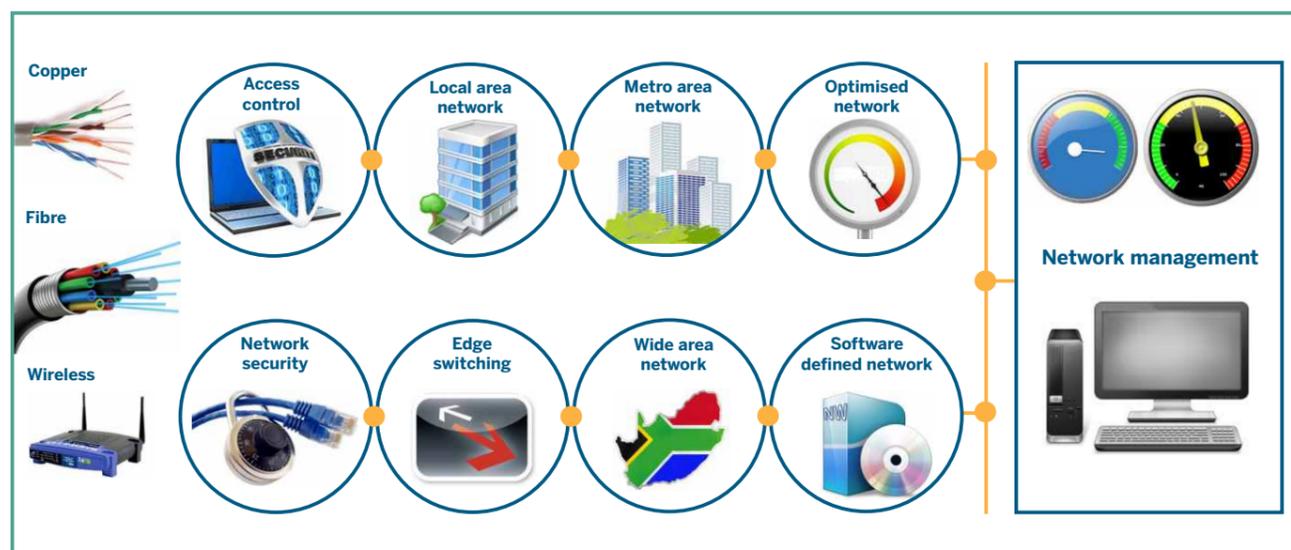
Two or more computer systems linked together by a reliable, secure connection, performing as expected



- Software defined networking (SDN) is an approach to computer networking allowing network administrators to manage network services through abstraction of lower level functionality. SDN allows quick response to changing business requirements. In a software-defined network, a network administrator can shape traffic from a centralised control console without having to touch individual switches.
- Unified communications (UC) will integrate all your voice, video, data, and mobile applications for collaboration connecting people, information and teams.
- Network management solutions include the activities, methods, procedures, and tools used to administer and maintain your network. This combination of resources is

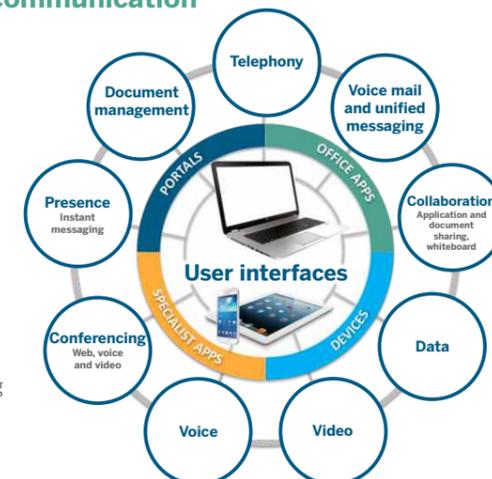
- essential to command and control network operations - generally carried out of the network operations centre.
- Network access control will unify endpoint security technology (such as antivirus, host intrusion prevention, and vulnerability assessment), user or system authentication and network security enforcement
- Network security consists of the provisions and policies to prevent and monitor unauthorised access, misuse, modification, or denial of a computer network and network-accessible resources.

Datacentrix technology networks ensure that your network grows and expands as your business grows and expands.



The future is here: Total communication

Social networking, broadcast video, mobile workforces, a multitude of end user devices, communication tools like Whatsapp, Snapchat, Instagram, and more information at your fingertips than throughout history means super-complex demands on the modern network and its management devices. People in business, at home and at school need to effectively collaborate across all sorts of devices, apps and mediums. Datacentrix' total communication (TC) solution, including the right sizing and optimising of your network, is designed to connect people, teams and technology.



Our TC solutions allow colleagues, suppliers and customers to connect, to collaborate and share information. TC facilitates better interactions, dynamically bringing together individuals, virtual workgroups, and teams. A correctly scoped TC solution, underpinned by a correctly designed converged network, allows staff to securely access and share video, data and audio on the desktop, on the road, and on-demand, in the same way you make a phone call. In the near future, communications and collaboration will be possible from within most applications and business processes. And the network will need to be ready for it.

METRO AREA NETWORK • WIDE AREA NETWORK • LOCAL AREA NETWORK • FIBRE • WIRELESS • COPPER • OPTIMISED



BUSINESS ENABLING • MEETING APPLICATION DEMAND • SECURE • CAPACITY • AVAILABLE • HIGH PERFORMANCE • MULTI-O/S ACCESS

Internet Services

eNetworks, a Datacentrix business since 2013, is a leading ISP and wide area network specialist renowned for its design and implementation of enterprise-grade WAN solutions, incorporating Internet break-out, hosted services and datacentre co-location.



The company is essentially a layer3 business, with its own AS numbers, whose offerings encompass fast, reliable bandwidth, high-uptime Internet and hosting services:

- Fibre services – from dark-fibre to national metro-fibre solutions
- Copper services – from Diginet to ADSL and VDSL
- Wireless services – from 3G/4G private APN to microwave
- Firewall security – real-time threat protection
- Domain, web, email and cloud hosting
- National co-location datacentre space with interconnect services
- Skilled design and support staff
- Solution provision to fit your requirements.

Technical data: Technology networking

Specification	Datacentrix
Switching	Arista/Cisco/HP
Wireless	Ciso/HP/Aruba
Software defined networking	HP
Routing	Cisco/HP
Unified communications	Cisco/HP/Microsoft
Network security	Cisco/HP
Identity services	Cisco/HP/Microsoft
SAN switching	Brocade/Cisco/HP
Unified fabric	Cisco/HP
WAN optimisation	Riverbed

Technology Partners



About Datacentrix

Datacentrix is a complete ICT systems integrator, providing solutions and services across the full information value chain to its customers. The company uses leading technologies to drive customer business strategies, unlocking efficiencies and empowering meaningful business insight.

Our most valuable assets are captured in the minds and spirit of our people. Every person at Datacentrix is a critical part of our service delivery model and our strategy for generating sustainable value for our customers and stakeholders.

We value partnerships and go the distance to establish trusting, lasting customer and stakeholder relations. Our longstanding affiliations and accreditations with our technology partners enable direct access to technology using the shortest channels.

It's our passion for excellence that drives our innovative and flexible solution design. Datacentrix' value-driven strategy and proven execution capability reinforce its position as one of the top ICT players in the local market.

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