

**BANKSERVAFRICA**



**BANKSERVAFRICA**

**BANKSERVAFRICA  
BUILDING MUTUAL  
DIGITAL  
INFRASTRUCTURE THAT  
CONNECTS ECONOMIES**

**HAMMAN FERREIRA  
CTO, BANKSERVAFRICA**



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# AGENDA

## 01 / Overview

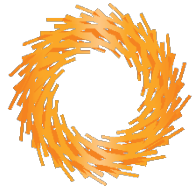
- Our track record
- Strength through collaboration
- Community Stories
- Connect with us - Connect with Africa

## 02 / HP NonStop Journey

## 03 / BankservAfrica as a service

## 04 / Managed Network Services (MNS)

## 05 / Our ethos



BANKSERVAFRICA

01



OVERVIEW

CONNECTION  
ANALYSIS  
DATA  
SEARCHING  
VERIFICATION  
CODING  
SENDING

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## OUR TRACK RECORD

As Africa's largest automated clearing house, **BankservAfrica** processes close to three billion low value interbank payment transactions valued at ZAR 8 trillion annually (US\$ 570 Billion). **BankservAfrica** values the importance of secure and reliable payment mechanisms. We comply with International Banking Best Practice and Standards as set by the Bank of International Settlements; ISO, PCI, Central Banks and Payment Associations. We continually focus on reducing risk and complexity in the industry.



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## OUR TRACK RECORD

With a 45 year history in South Africa, **BankservAfrica** operates 24x7, 365 days a year and maintains excellent SLAs (Service Level Agreements). **BankservAfrica's** innovations include Saswitch, same-day cheque clearing, real-time clearing (RTC), early debit order (EDO), electronic funds transfer (EFT) same-day value and integrated cash management system (ICMS).



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## STRENGTH THROUGH COLLABORATION

Our commitment to being at the leading-edge of financial service solutions is what drives us. Through partnering in the development of world-class solutions, infrastructure, tools and expertise **BankservAfrica** is positioned to create flexible solutions serving multiple communities. As a Financial Market Infrastructure Solutions Provider, we believe that our most distinct and defining characteristic is our ability to support and empower the financial community through mutual collaboration.



**BUILDING MUTUAL DIGITAL INFRASTRUCTURE THAT CONNECTS ECONOMIES**

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## COMMUNITY STORIES

By developing flexible, tailor-made solutions, and the infrastructure to deploy them; our clients are enabled to automate their transaction management in a secure environment, mitigating their risk while proactively responding to issues using our real time dashboards.

The impact of our solutions is best showcased by our community successes ...





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## CONNECT WITH US ... CONNECT WITH AFRICA

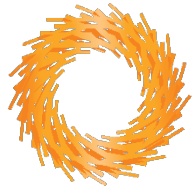
With our proven track record across the African Continent delivering solutions and driving financial inclusion, **BankservAfrica** is the partner in the financial sector to help drive collaborative services into this burgeoning market.

Efficient, effective, electronic banking enablement from **BankservAfrica**.  
Providing the **thought leadership for modernisation of payments in Africa!**

Technology strategy focus area include:

- Open API
- AI
- Machine Learning and robotics





BANKSERVAFRICA

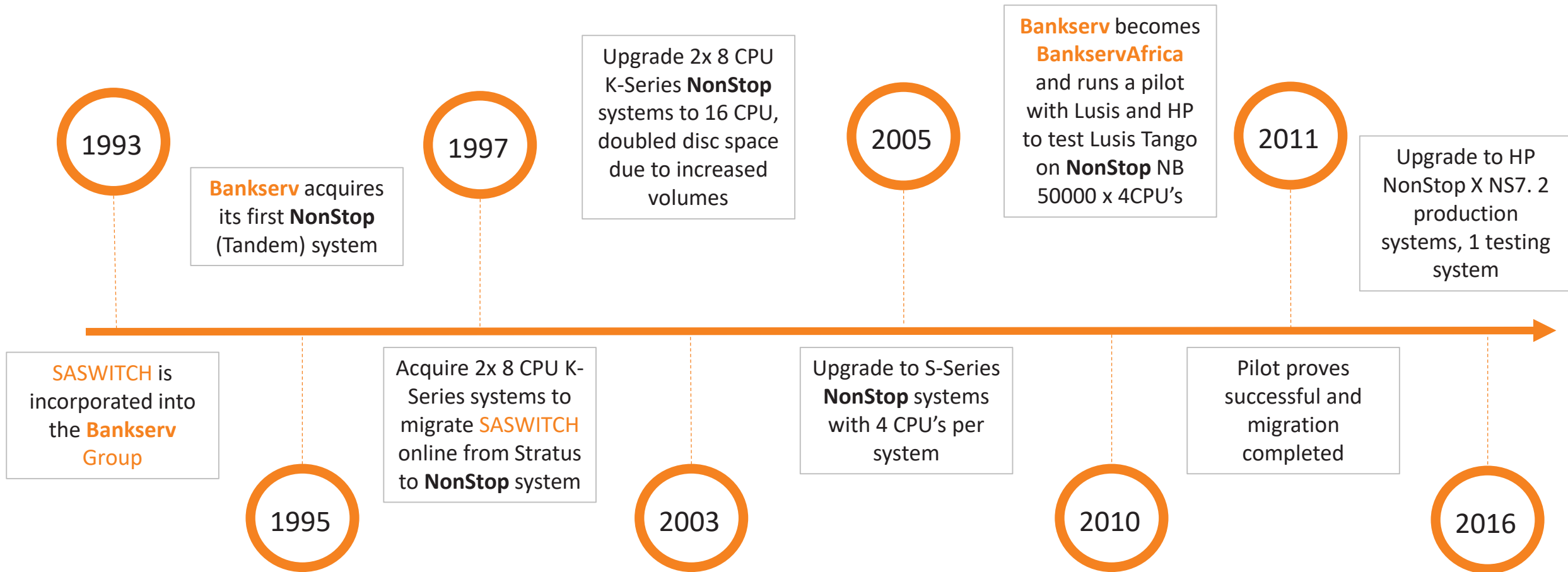
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## HP NONSTOP JOURNEY

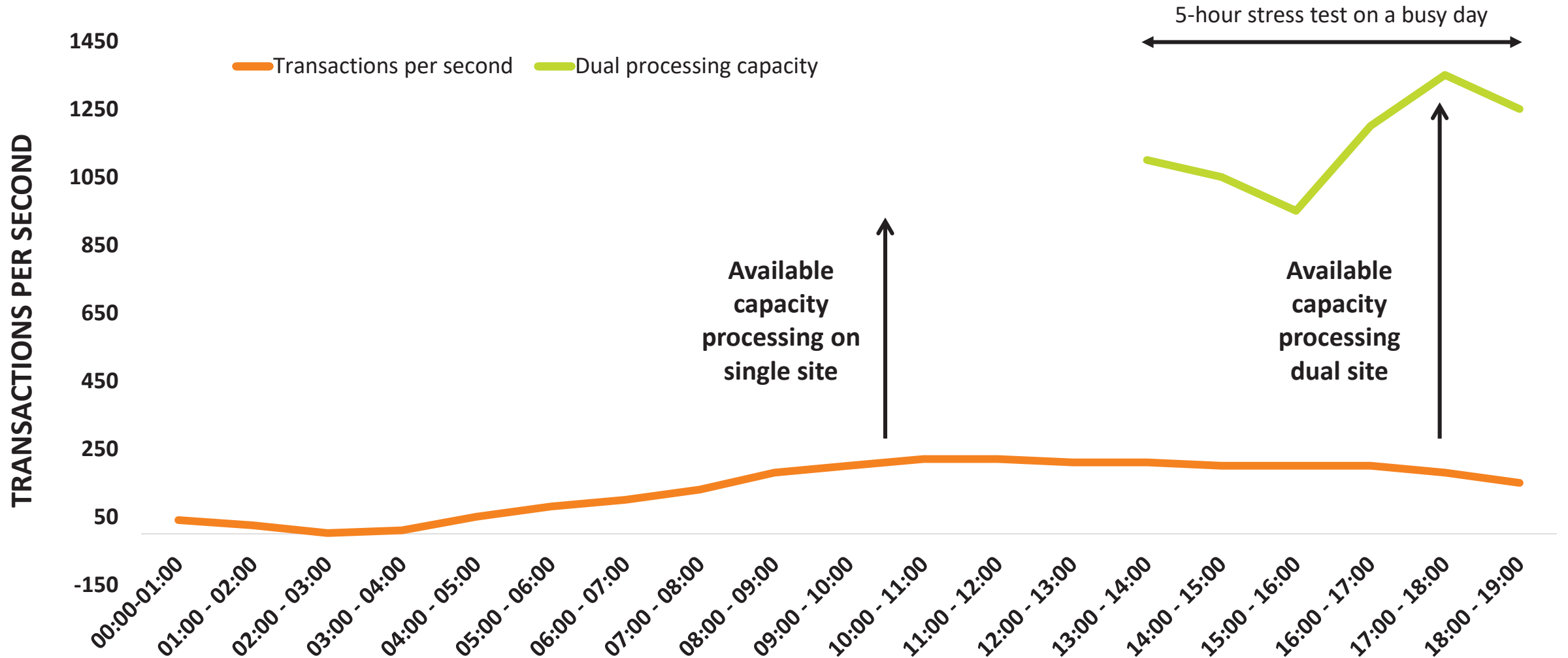
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# BANKSERVAFRICA AND HP NONSTOP JOURNEY



# BANKSERVAFRICA TRANSACTIONAL SYSTEM CAPACITY

SASSA DAY – 1 AUGUST 2017



# DATACENTRIX AND BANKSERVAFRICA

- First local HPE NonStop solution partnership in SA
- Address BankservAfrica's need for always-on operational status
- Address the need to close the ICT gap in Southern Africa
- Learnership programme initiated

There is a pressing and crucial need to seamlessly service customers in the digital era, and so our strategy is to invest in technology that offers a proven non-stop, highly available and robust service to make digitalisation a reality.

**iWeb** BUSINESS TECHNOLOGY MEDIA COMPANY

Share Companies Sectors

Home / Channel / Datacentrix becomes first local HPE partner to supply NonStop solution through channel; increases local skills demand

## Datacentrix becomes first local HPE partner to supply NonStop solution through channel; increases local skills demand

By **DATACENTRIX HOLDINGS**  
Johannesburg, 21 Aug 2017

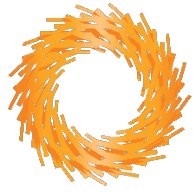
★ Partner content  
[VISIT OUR PRESS OFFICE](#)

**D**atacentrix, a provider of high performing and secure ICT solutions, has achieved a global milestone by providing BankservAfrica, an automated clearing-house located in Johannesburg, with the Hewlett Packard Enterprise (HPE) NonStop solution - making Datacentrix the first channel supplier of HPE NonStop locally. Factors that influenced the decision involved the non-negotiable requirements for always-available transactions and the dire need to close the southern African ICT skills gap.

Read time 5min 30sec

Hamman Ferreira, CTO at BankservAfrica.

Our function is to service the greater African community. Considering our ageing workforce, by educating and certifying local people in specialised IT roles, we are not only ensuring our future, but the future of Africa's youth!



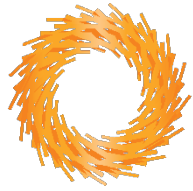
BANKSERVAFRICA

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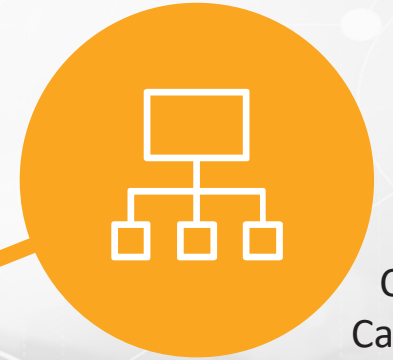
## BANKSERVAFRICA AS A SERVICE

CONNECTION  
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**BANKSERVAFRICA**

OnApp  
Management  
Toolset



Data  
Centre  
Capability



Compliance



MNS  
Managed  
Network  
Service



Secure



Regulated

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# BANKSERVAFRICA DATA CENTRE

CONNECTION  
ANALYSIS  
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# BANKSERVAFRICA DATA CENTRE SERVICE CATALOGUE



**Standard Cabinet**

- 42U Cabinet
  - Per kW (max 2,5 kW per cabinet)
  - Biometric Entry (front and back)
  - Cross Connect and Connectivity
  - Top of Rack Switch
  - Brush Panel
  - Fibre Patch Panel
  - Smart Power Distribution Unit
- **Priced Per Cabinet and kW**



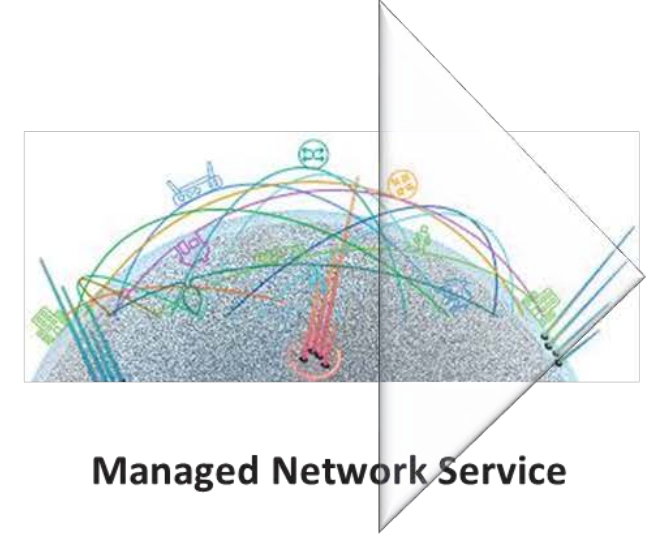
**Appliance Hosting**

- Appliances such as IBM, Oracle, HP NonStop etc.
  - Per kW (max 2,5 kW per cabinet)
  - Cross Connect and Connectivity
  - Smart Power Distribution Unit
- **Priced Per m2 and kW**



**Cloud Service**

- Hosted virtual machines and Cloud Servers
  - Cloud Desktops
  - Cloud Storage
  - Cloud Backups
  - Cloud Offsite Backups are also provided through this shared platform
- **Price Per Sized Requirement**



**Managed Network Service**

- Custom product for participants in the "National Payment System"
  - Direct file submission and data transmission to [BankservAfrica](#)
  - Connect to all [BankservAfrica](#) services
  - Dual redundancy from two different Telco carrier networks
  - Fully managed service
  - PCI standards
  - Improved data transport security
- **Pricing Available on Request**



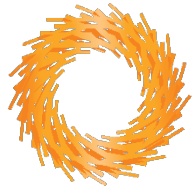
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# DATA CENTRE CONTINUED

- **BankservAfrica** has invested significantly into, and expanded, the current Data Centre in Selby, Johannesburg to offer **various additional and value added services** to their current shareholders.
- We provide a single **brand neutral** data centre and a **managed network service**, allowing subscribers the opportunity to enjoy the benefits of a public cloud in a **protected private cloud solution**.
- BankservAfrica shareholders, the South African Banks, are also shareholders in the data centre. Our DCaaS offers South African banks a **true extension** of their data centres. BankservAfrica Data Centre peering to NPA exchange.

## **BENEFITS OF THE BANKSERVAFRICA TIER 3 DATA CENTRE**

- 99.982% Uptime
- Z Level Security
- 24/7/ Support
- Customisation options
- Cost Effective
- PCI Compliant



BANKSERVAFRICA

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## MANAGED NETWORK SERVICES (MNS)

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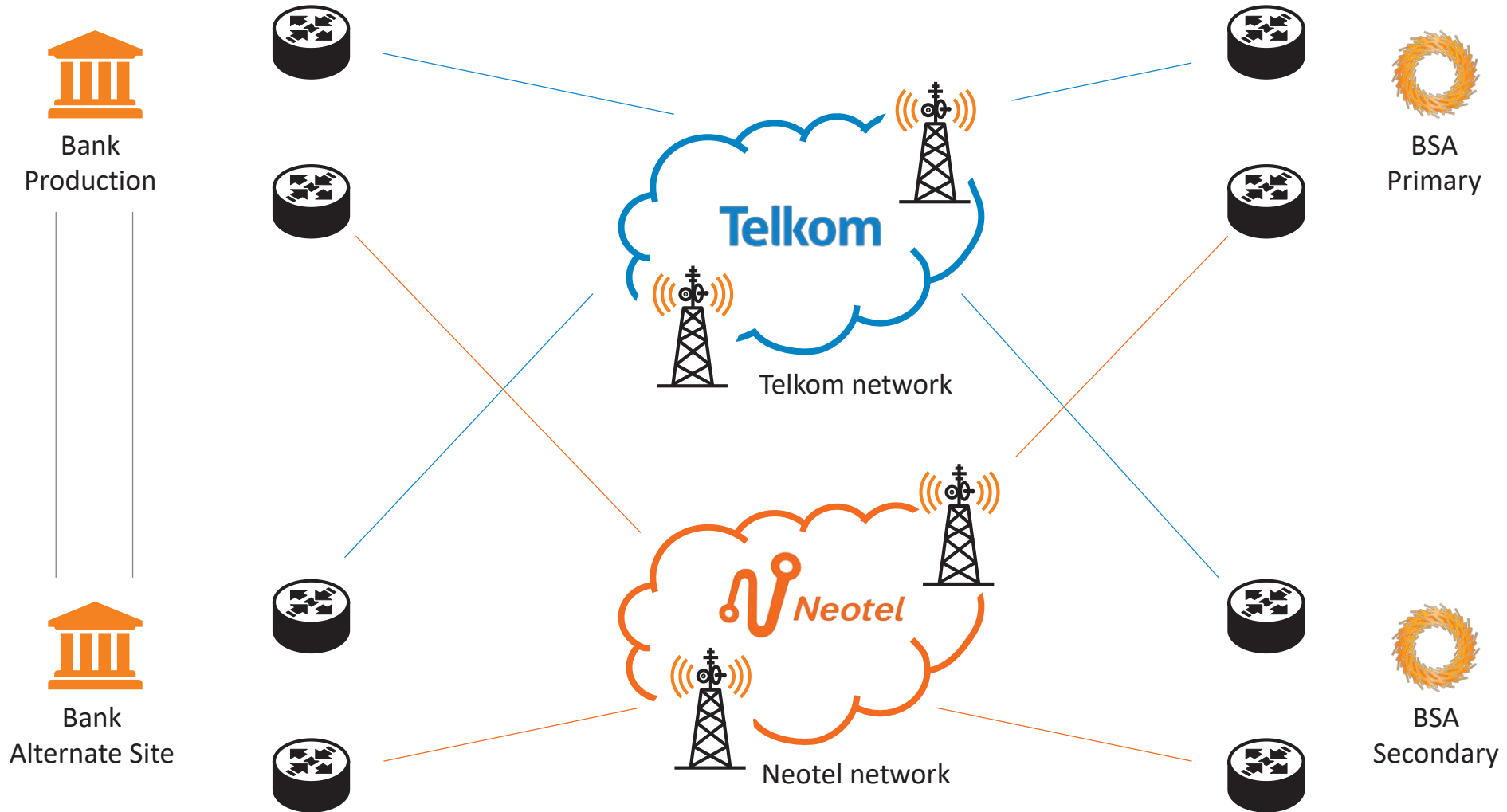
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# A FULL MANAGED SERVICE PROVIDED BY BANKSERVAFRICA

- Single point of contact for the Banks
- Contracts with the Telco's on behalf of BankservAfrica MNS Customers
- Project management of the order cycle and installation of the last mile connectivity at each Bank; and will monitor the link and escalate issues detected to the Telco's
- Monitoring and maintenance of the MNS network
- Capacity requirements
  - Escalate outages
  - QOS to meet fluctuating business requirements
- Reports on usage and uptime to all participants
- Customer specific Dashboard (Uptime, Capacity and Performance)
- MNS CPE Routers
  - Supply, provide, configure, install and maintain the routers (swap out; repair and upgrade)
  - PCI certification



# MANAGED NETWORK SERVICES



# BENEFITS TO OUR CUSTOMERS



## UPTIME

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Always up network!



## DEVICES

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Supplied and installed



## Management

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- Roll-out
- Telco



## REAL TIME MONITORING

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Network state Monitoring – Bandwidth capacity



## MAINTENANCE

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Network & Device



## QoS

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Meet fluctuating requirements



## REPORTS

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Monthly usage and uptime



## DASHBOARDS

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- Customer specific (Uptime, Capacity & Performance)
- Transparent



## SECURITY

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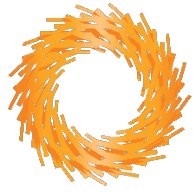
- SARB approved Trust Model
- Security - PCI ready



## COMMERCIAL

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- Netconnector
- Last miles On-billed
- PASA directive as needed



**BANKSERV**AFRICA

**05**

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**OUR ETHOS**

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# OUR ETHOS

We are committed to supplying our clients with **best in class solutions** for their diverse business needs. We are dedicated to creating a **trusted partnership** and taking a leadership role in the business of payment facilitation. A key area of focus in the creation of trust is ensuring the delivery of projects to industry. We base our strategic deliverables on the principles of **Reliability, Responsiveness and Resilience (3Rs)**.

In a dynamically changing economic environment, it has become critical to take an introspective assessment on the principles applied to delivering to clients:

- **Responsiveness** as a key measure ensures a positive, timeous and assertive problem solving approach when interacting with BankservAfrica. Clients entrust us with their business and by virtue thereof, their clients. Reputations are at stake and in the interest of collaboration
- **Reliability** is paramount when committing to delivering on promise. Performing agreed functions to clients, creates and entrenches trust further.
- **Resiliency** and the resistance of system failure through continued and deliberate maintenance and upgrading of systems allows BankservAfrica to remain relevant, on point and up to date in the supply of the best available solutions to clients.

As the backbone to our business, the **3Rs** has set the tone for success and leads towards a commitment:

**Excellence** and **Enablement** through **Execution**.

Enabling clients and the economy, displaying excellence of work ethic and interaction while executing to the highest quality standard possible – BankservAfrica is **YOUR partner of choice!**



BANKSERVAFRICA

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# THANK YOU

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