mancalanetworks
making networks manageable

Network Controller

Enterprise network control solution

Visibility
devices and users

Control
access and security

Management
services and equipment

Are you ready to open your network to the new applications, devices and uses of the digital age?

The rapid evolution of technology increases the stress on existing corporate network infrastructure in terms of security and management.

Cloud Computing, the exponential increase in both the types and numbers of connected devices, the consumerisation of IT and the emergence of internal threats combine to make existing network control and management solutions insufficient. A new approach is required.

You know about your managed devices...

... what about the others ?

15 to 20 % of network devices are unmanaged and therefore uncontrolled. Most often, these devices are mobile devices such as smartphones.

You are protected against external threats...

... what about internal threats ?

80 % of attacks related to financial losses originate inside of the corporate network. In addition, the losses are on average 45 times greater than those related to external attacks.

You have optimized your business processes...

... what about your IT processes ?

20 % or more of everyday network administration tasks can be automated : VoIP device configuration, network migrations, locating assets and rogue devices, updates, ...

Mancala Networks' solution: Network Controller

The Network Controller detects and tracks connected devices and users in real-time, automatically generates a corresponding profile, analyzes their behavior and acts automatically on the control flows to optimize network security.

## Unequaled capabilities - unified visibility, control and management

> Detection of all types of devices before they connect.

> Identity aware device profiling.

> Global visibility and consistent policy enforcement across all entry points.

> Real-time, managed control of security policy application.

> Compliance with various norms and regulations (ISO 27001, PCI-DSS, SOX).

Easy to deploy

The Network Controller is installed in the local network as a natural complement to the switches, routers, and firewalls already in place. It interfaces with the network control services (DNS, DHCP, RADIUS, SIP).

The Network Controller is available in a range of software editions adapted to the specific needs of each vertical market : enterprises, MSPs, integrators, and hosting providers. Optionally, the software may be pre-loaded onto a range of physical hardware.
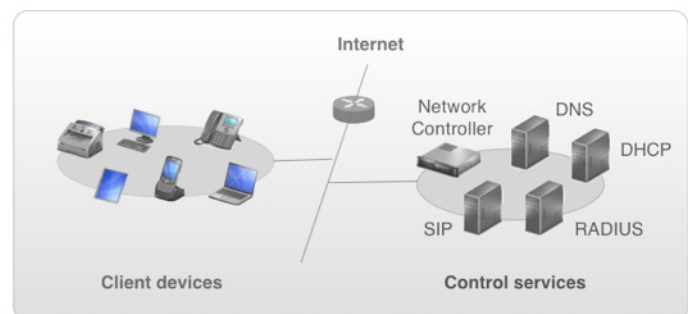
Visibility — Audit and traceability

The Network Controller records and analyses all of the network events and control flows in real-time: DNS, DHCP, RADIUS, SIP, etc.

It continuously maintains a coherent network state - true global network intelligence.

It is capable of interpreting network behavior by conducting real-time network event correlation and providing reports on these events.

Functionality

Network discovery
Real-time inventory
Device profiling
Anomalous event detection & notification
Event log generation & collection
Reporting

Control — Real-time reactivity

The Network Controller unifies visibility of users, devices and network events with an innovative, real-time enforcement capability.

Based on its coherent vision of the current network state, it ensures the strict application of your network security policies.

The policy rules are based on the various network events detected by the controller and the enterprise security policies, whether pre-provisioned or customized to your specific needs and environment.

Functionality

Fixed policies
Network Access Control
Post-access monitoring & control
Inside threat protection
Customizable policies

Management — Complexity simplified

The Network Controller automatically discovers network devices and provides a centralized console to access the management interfaces of manageable devices such as routers, switches, VoIP phones, etc.

In addition, it provides a unified management interface for network planning and deployment tasks such as IP address management (DNS, DHCP), strong authentication deployments and network migrations.

Complementing these audit, reporting and control capabilities, you have a simple, yet powerful configuration infrastructure.

Functionality

Remote device management
802.1X migration
Automated VoIP device configuration
IP Address Management
Remote device firmware upgrade management

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