

# Business Infrastructure Control System – BICS



See, protect, and control the entire infrastructure in real-time!

Real-time visibility, profiling, and comprehensive control of every device, port, and endpoint. The only platform that completes security for the largest heterogeneous networks worldwide.

With BICS, you can control any network. Today!

Up to 20% of network devices are undetected and unmanaged. This is dangerous; you cannot protect what you don't see. The Business Infrastructure Control System BICS immediately finds all your switches, routers, and endpoints, including those which popular NAC tools miss.

*You are just hours from seeing the whole truth of your network*

BICS quickly and persistently illuminates your entire infrastructure. Profile every make, model, and version of network devices and endpoints.

*Nothing escapes BICS*

You get a complete, real-time topological map of your IT infrastructure. See it all at a glance, navigate across globally or locally, and drill down for details into any device.

*Auconet's platform complements yours*

Whatever element of infrastructure control you are missing, BICS has it. Strengthen your existing NAC and network management with real-time discovery and endpoint profiling, easily add IEEE 802.1X security, or offer multi-tenant protection for hundreds of separate networks.

Engineered for enterprise-grade networks. On-premises or cloud-based and fully multi-tenant capable.



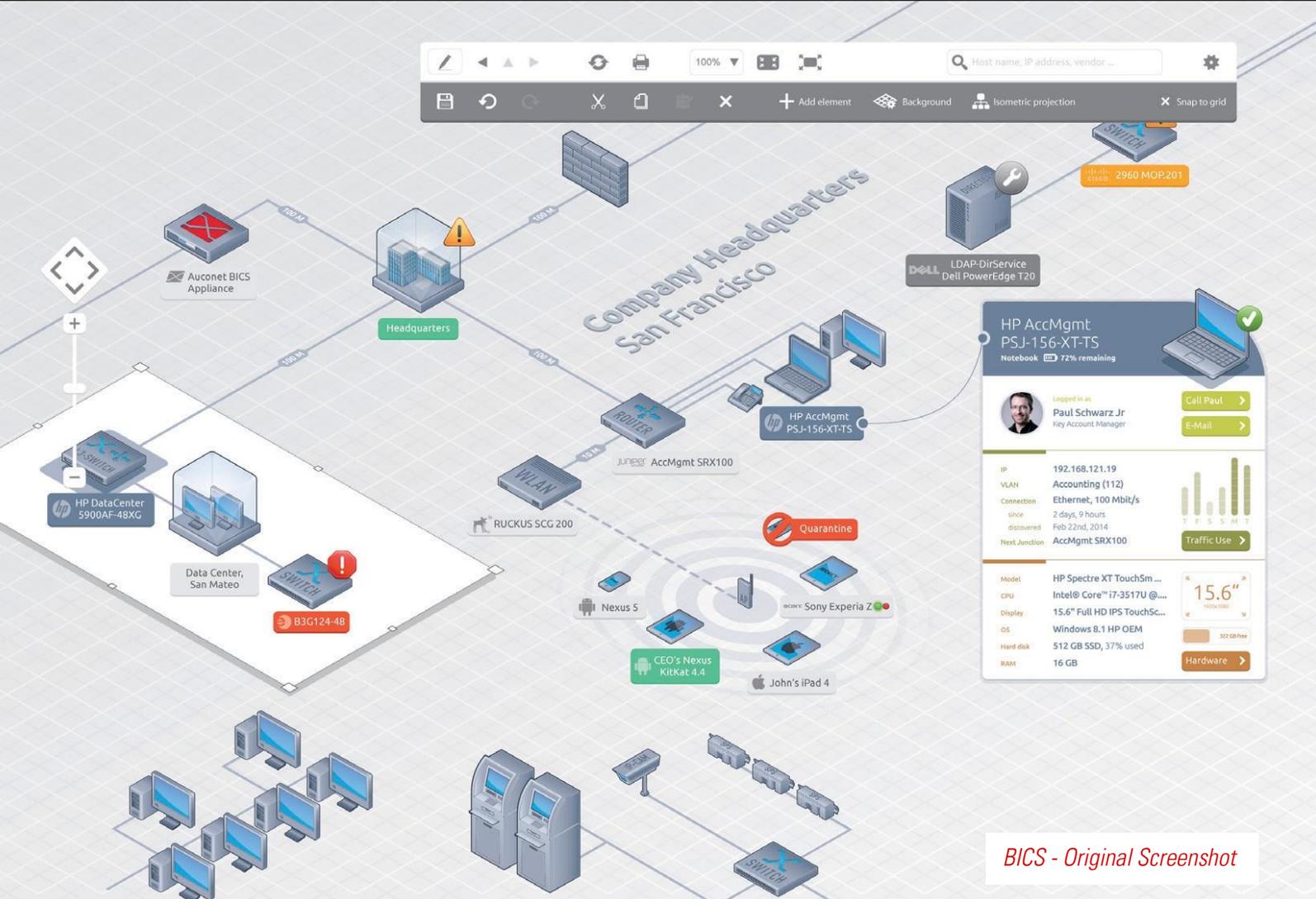
*„Trusted by Global 1000 leaders including Siemens and Deutsche Bahn, controlling millions of endpoints.“*

**100 % Visibility  
& Control**

See it all.

Protect it all.

Control it all.



### Discover 100% – every device & endpoint

Implement BICS in one day. At lightning speed, create a real-time inventory of every router, switch, printer, PC, laptop, tablet, smartphone, and even industrial equipment in your infrastructure.

### Visualize & control on a grand Scale

Manage your entire network from one screen. Investigate and drill down to every device, with direct control – even in multi-vendor and multi-tenant networks with millions of endpoints.

### Control every device!

With the entire view of your infrastructure updated in real time, you maintain edge-to-edge control, securing every port and determining access for each device based on policies you define.

- ✓ Roll out IEEE 802.1X quickly across the largest networks, and easily manage its complexity.
- ✓ Combine IEEE 802.1X and MAC Layer-2-based authentication securely on one common platform.
- ✓ Take control of mobile devices, BYOD scenarios, and guest access according to VLAN, location, time slot, and traffic policies that you define centrally.
- ✓ Insulate, manage, and protect dozens or thousands of multi-tenant physical or virtual networks. Ideal for SaaS providers.
- ✓ Secure new and legacy devices, ATMs, PLCs, SCADA systems, even vending machines, with MAC Layer-2 authentication.
- ✓ Delivered as an immediate plug-and-go physical appliance or virtual solution.



### Centralize security & infrastructure control

Strengthen key processes with a single platform. From discovery and endpoint profiling, asset control, and 802.1X management, add cost allocation, preventive maintenance, and improved operations.

### Key Features and design principles

- ✓ 100% visibility of the entire network in real time
- ✓ Scalable for vast networks – up to and beyond 1,000,000 endpoints
- ✓ Security for ALL network-connected (wired or wireless) endpoints
- ✓ Total vendor independence/inclusion
- ✓ One consolidated and correlated CMDB
- ✓ Mask the complexity “underneath” and automate and simplify operator tasks
- ✓ Full control of all assets from one screen
- ✓ Common commands to manage all devices in the same way
- ✓ On-premises, virtual, and SaaS; all available also in multi-tenant deployment
- ✓ Extremely rapid implementation – days, not weeks or months
- ✓ Lower TCO

### Automate operations, elevate value

BICS delivers real-time visibility and security to the edge and atomic level of your network. This creates your foundation for stronger operations, with future-ready “secure openness.”

#### IT Operations

Boost services quality, cut costs, and support SLA fulfillment via automation, based on your policies and BICS’s real-time data, throughout your entire network infrastructure.

#### Maintenance

Lower costs with faster incident awareness and fewer service calls, plus automated self-healing, faster MTTR, and more effective change processes.

#### Finance

Track all port and bandwidth usage for complete, accurate cost allocation and true profitability across every business unit.

#### Workforce Effectiveness

Command and control up to 30x more infrastructure with the same staff, more securely and accurately.

#### The Internet of Everything

Mesh smoothly and securely with the exploding number of devices and sensors that your enterprise will need to connect within the next 10 years.

*„Auconet provides a visionary solution. There is nothing else like it.“*  
Siemens



## About Auconet

Auconet was founded in 1998 by a German engineering team with deep expertise in IT Operation Management. The company provides information technology solutions and offers network management, network security, IT infrastructure management, clouding, network automation, and business infrastructure control solutions.

Auconet BICS is the Next-Generation ITOM platform to control large & heterogeneous enterprise networks. BICS not only provides network infrastructure management for all vendors' devices and endpoints, but also serves as the foundation for a new generation of IT infrastructure management.

Auconet became part of Beta Systems Group in early 2018.



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