



Primis Access Control System

IT-Based Physical Access Control



Our feature-rich, appliance-based PACS software application communicates over TCP/IP on an existing or dedicated IT network.

The IT-centric, cyber-secure Primis access control system uses Primis encryption bridges at the network edge to link edge door security with onsite command and control over local and wide area networks.

Primis encryption bridges including the EG-2 enable a powerful way to deploy an access control system. A bridge connects the door hardware to the IT network and provides AES 256 and TLS 1.2 encrypted communication to Primis. All system configuration, administration, and monitoring are performed using a common web browser.

Primis is typically installed on an existing network. Fault tolerance and resiliency strategies that ensure network security and reliability automatically apply to Primis and the architecture offers risk mitigation for every scenario. Application and database servers operate virtually or on dedicated hardware with redundant power supplies, network connections, and hard drive storage.

Synchronized redundant servers can be implemented across the network to mitigate both server and network failure. Every Primis bridge can establish and maintain communication with two or even three different appliances, automatically switching to another available appliance, if required.

Software-Defined

- Eliminates complex control panel configurations and replaces them with technology that communicates over encrypted IP-network protocols
- Simplified architecture reduces system complexity and lowers the Total Cost of Ownership
- Centralized Linux OS databases can operate independently or be connected to an Identity Management System, unifying physical and logical security management within the IT infrastructure

Highly Secure and Reliable

- Uses advanced AES 256 and TLS 1.2 encryption technology to battle against security vulnerabilities

Open-Platform Design

- Enables cost-effective integrations with a RESTful API to most relevant infrastructure

Accessible Anytime, Anywhere

- Command and Control via any web browser from any device

An IT Approach to Access Control

Less Cost Per Door

Primis hardened appliances arrive ready to go with nothing to install to reduce installation time and costs. The entire client architecture is 100% browser-based, further reducing installation, expansion, and annual maintenance costs, resulting in a substantially lower Total Cost of Ownership

Cyber-Secure

Cardholder records, configuration parameters, and system event history are secured on the Primis Linux based appliance, protected behind IT-managed infrastructure and security.

Software-Centricity

Seamlessly integrates with other applications hosted in physical, virtual and cloud environments along side Primis network edge devices managing authentication, authorization, and portal control

Net-Centricity

Engineered for networking of internal communications among core PACS components while utilizing real time data to obtain situational awareness relating to asset protection. Simple application of policy-based control measures, in response to threat and operations conditions, supports planned and unplanned organizational responses, for maintaining personnel safety and asset security

Appliance and controller based Real-Time Access Decisions

The high-speed controller and appliance based decision engines makes access decisions on role, policy, and metadata, gathered in real-time and providing immediate status information such as threat levels, personnel presence/location data, access zone compromises, and environmental safety conditions

Simply Scalable

Built in replication for ultimate scalability with additional Primis instances, on appliances, virtual machines or in the cloud, provides a best in class high availability, tiered redundant, high-performance solution

IT-Friendly

Easily conforms to IT department's technology, policies, and practices, minimizing risk with redundancy policies, auto-failover, and network path outage solutions

Unified Security

Enables unified physical and logical identity access management with common credentialing through native support for corporate directory and IDMS systems

Standards-Based

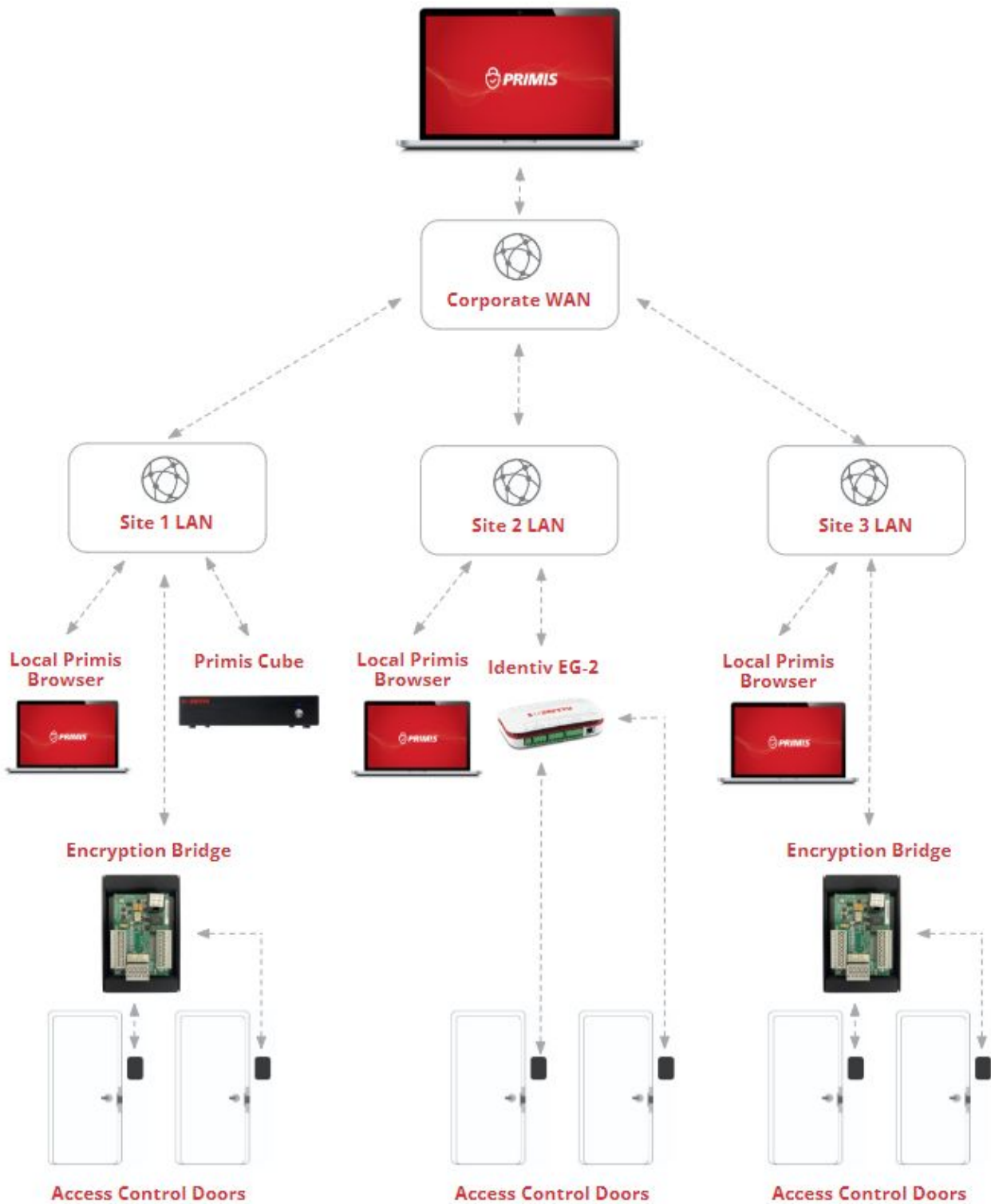
Allows users to configure powerful system integrations via simple RESTful API rather than heavy vendor-specific APIs and SDKs

Mobile-Device Friendly

Command, Control and Monitoring while on the go keeps you connected and your site secure at all times with your mobile device in a mobile world. Modify cardholder access, issue door commands and even site wide lockdowns in emergency situations, with Primis you are always in command.

Broad Authentication Technology Support

Accommodates a full spectrum of card-readers, cards, and electronic credentials, including native support for credential technologies with high-security features, like challenge/response protocols and biometrics



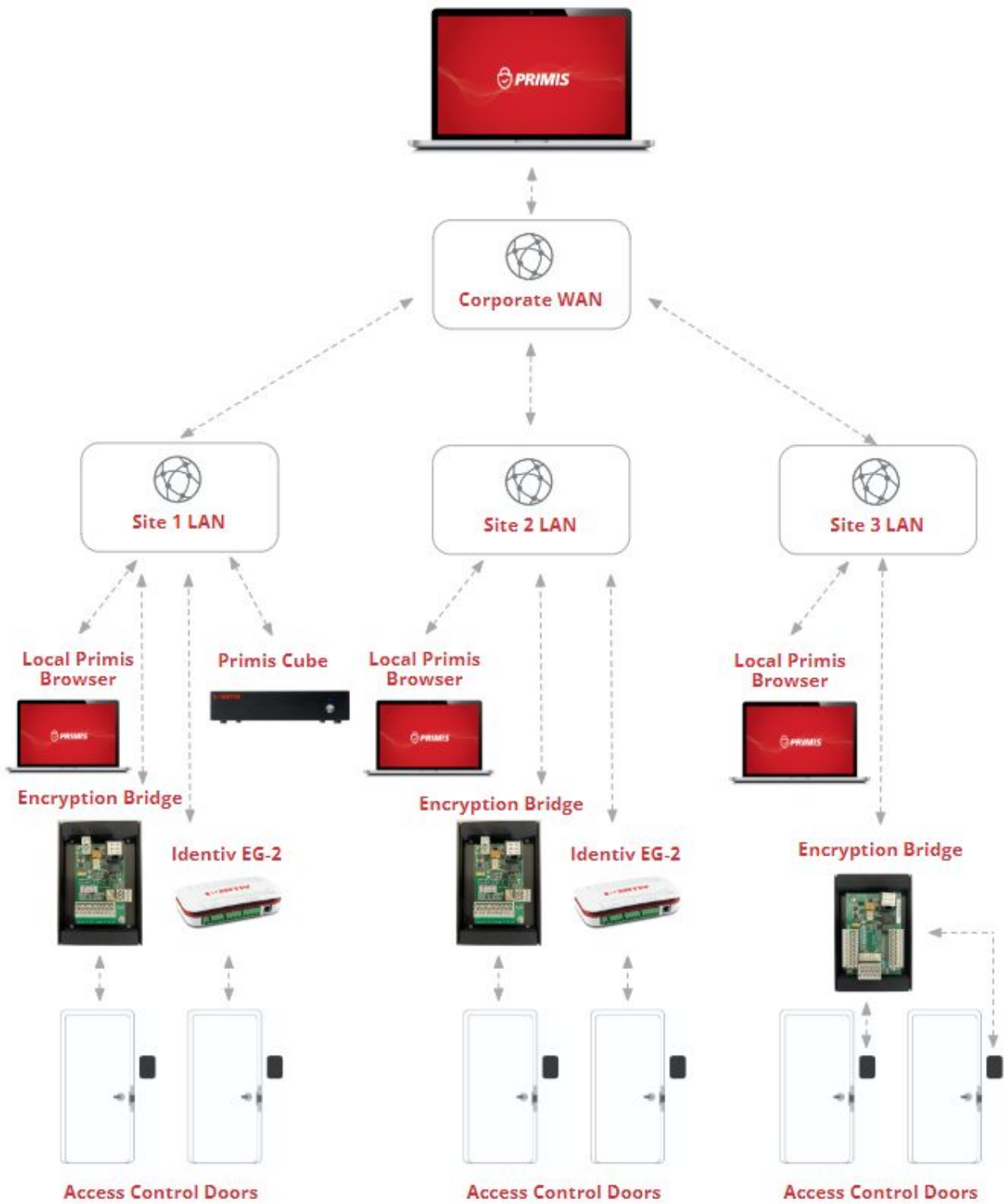
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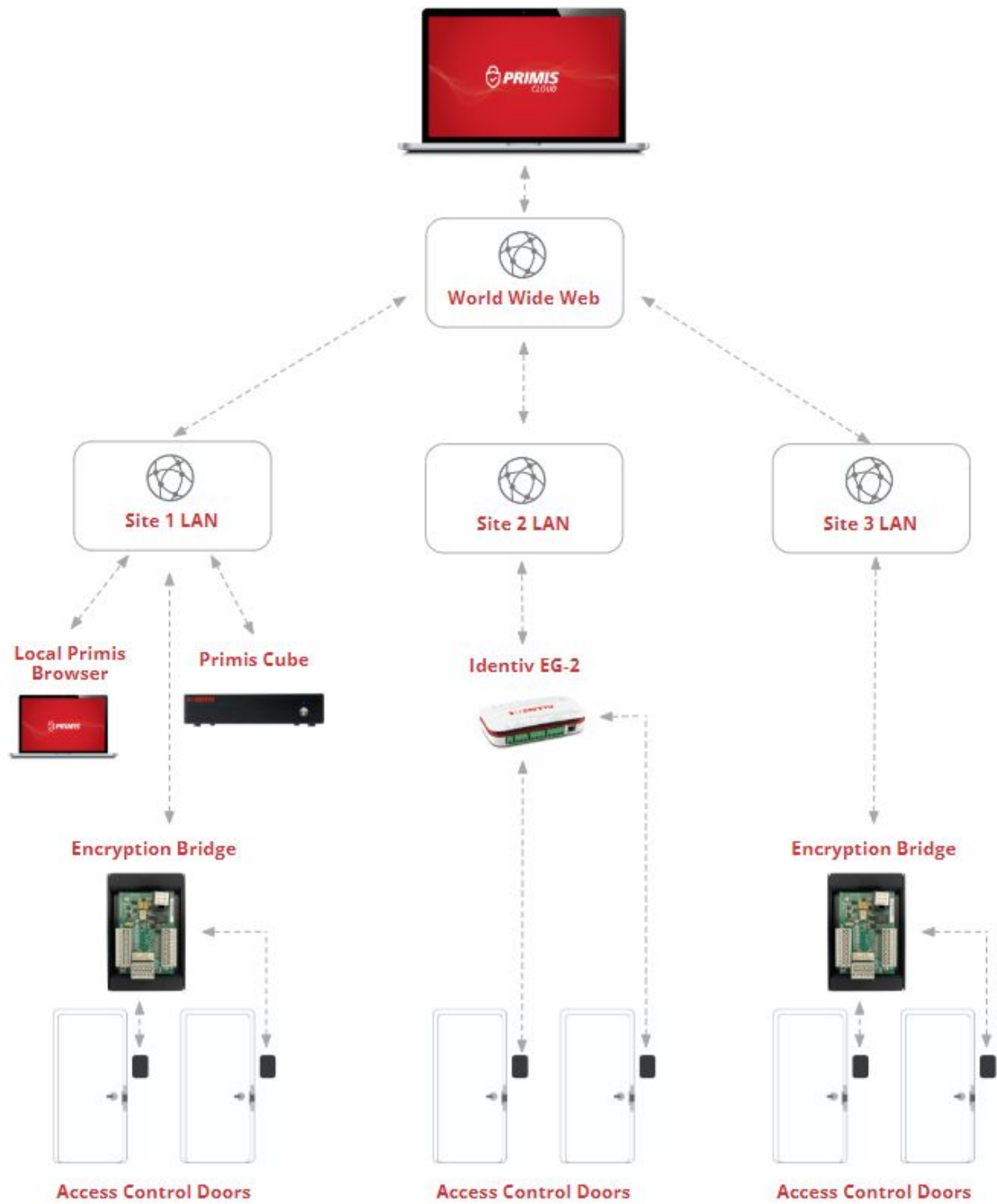
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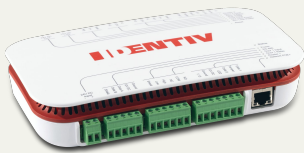
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Innovative Software Features

An Active Directory (AD) structure is a hierarchical framework of objects. Each object represents a single entity — whether a user, a computer, a printer, or a group — and its attributes. In general, there is no difference between an AD object and a physical security object. In physical security, typical entities would be users and devices (door readers, elevators, and locking hardware). The advantage of a unified platform is the elimination of a separate user database of physical security.

- The Primis software integrates with the LDAP database within AD
- When a change is made to a user in AD, the change is replicated to the Primis software via this integration
- The Primis system can authenticate each card swipe live against the AD database, or a schedule can be set for syncing
- The system will use this information to grant or deny access, based on the permissions established in AD

Primis Family of Products



EG-2

PN: FR-50-40-SB



Primis Single Port Bridge

PN: FR-50-40-1



Primis Dual Port Bridge

PN: FR-50-40-2



Primis Input/Output Bridge

PN: FR-50-40-I/O



Primis RS485 Bridge

PN: FR-50-40-485



Primis Relay Encryption Bridge - Elevator Control

PN: FR-50-40-E



Primis Wiegand to RS-485 Elevator Bridge

PN: FR-50-40-W485



Primis Cube 16 Reader License Bundle

PN: FR-50-40-CB16



Primis Cube 32 Reader License Bundle

PN: FR-50-40-CB32



Primis Cube 64 Reader License Bundle

PN: FR-40-40-CB64



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