

TEMALINE CREATIVE SOLUTIONS

ENTERPRISE
Buildings
Integrator™



Honeywell introduces a totally new concept in access control, integrated security solutions and security system communications.

Temaline redefines the concept of access control subsystems for the future by bringing enhanced performance and reliability to your installations. Temaline establishes a **new benchmark** in providing secure solutions to protect your people, property and assets. The complete modularity of the system frees the peripheral and field devices from reliance on the central supervisory system for all access control functionality and relieves the supervisory system of card transaction processing.



Honeywell

ENTERPRISE Buildings Integrator™



Recent customer surveys have identified that system availability and reliability remain the primary concerns today. And why shouldn't they be? Most systems today simply have too many vulnerabilities. A failure of the central supervisory system or loss of communications causes untold problems in any organisation.

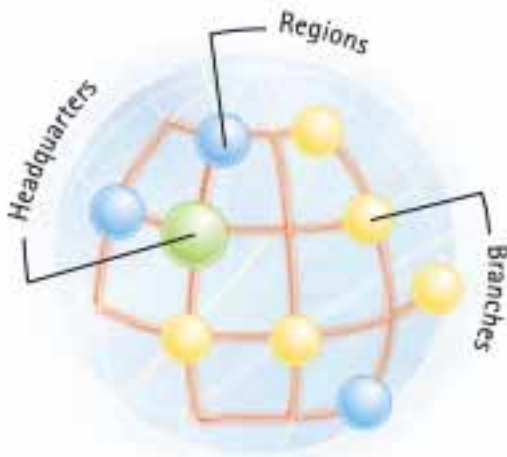
AVAILABILITY

TemaServers, the Temaline controllers are able to operate completely autonomously when disconnected from the supervisory system, through 'peer-to-peer' communication.

System availability is furthermore enhanced by a 'Shared Load' concept undertaken by smart TemaServers. When one TemaServer fails another 'takes over' the management of its TemaKeys, without suffering any degraded operation in the system. A removable FlashEeprom cartridge guarantees complete data recovery on any TemaServer.

EXPANDABILITY

From small to large complex facilities there is a need for a flexible solution. System installations are 'living' entities, constantly changing and expanding to meet the facility environment. Temaline's design concepts of modularity and openness address this requirement exactly. When you need to expand, you simply add what you need, without having to add intermediary devices such as terminal servers or extensive reprogramming.

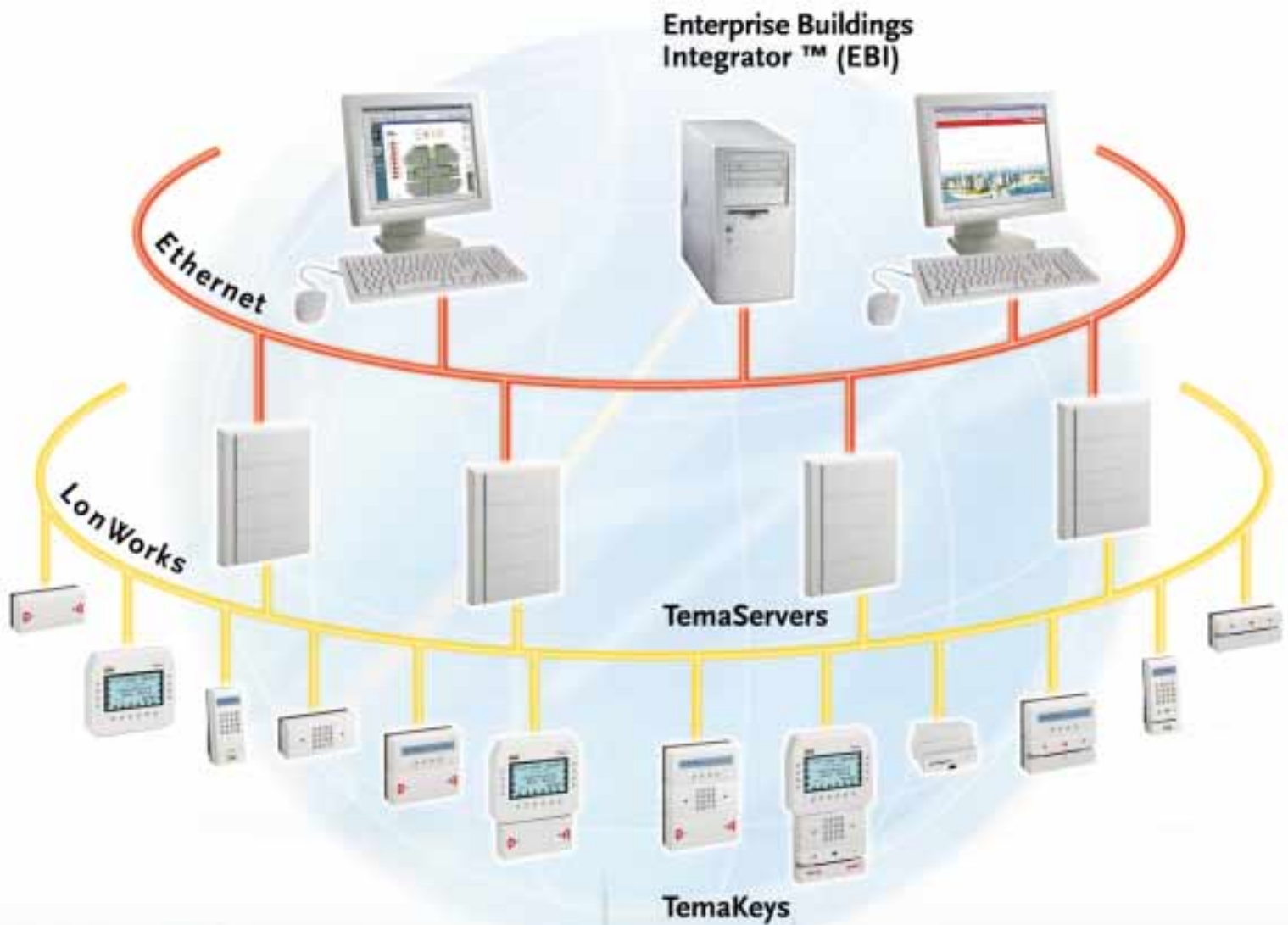


Peripheral Controllers: **temaserver**. The TemaServer is the heart of the Temaline architecture.

- The design concept establishes a new benchmark for features and functions of a peripheral device.
- The enhanced distributed intelligence and peer-to-peer communication creates an operating environment to allow multi-application devices, including access control, time and attendance and intruder detection.

Field Devices: **temakey**. The TemaKey devices are the connection of the system with the company's employees, visitors and subcontractors.

- Through a modular plug & play approach, TemaKey can meet any customer variable in a facility.
- TemaKeys are composed by any combination of readers, displays, keyboards, digital sensors, actuators etc.



AN OPEN ENVIRONMENT

The openness of the systems has become a by-word in system solutions today, and all customers are looking for the flexibility to meet the unforeseen changes that will inevitably occur in the future.

Temaline meets openness at three levels:

- Shared database functionality allows customers to use their own company database to manage cardholder database information.
- Ethernet networks with TCP/IP communication protocols; there is no longer a need for additional terminal servers. Temaline's communication structure matches exactly customer IT philosophies for now and in the future.
- LONWORKS – compatible field devices guarantee the ability to interact with other devices including: building management applications (HVAC, lighting etc.) and fire alarm systems.

The same TemaServer platform manages different applications such as access control, time and attendance and intruder detection. No other system provides this level of security systems integration capability. Temaline's communication protocol allows real-time event management and direct panel to panel communication.

SHARED DATABASE APPLICATION

Database technology is a critical element in the operations of a security system today. Temaline is designed with a powerful database distribution engine (DBDE) which manages the database updating to the TemaServers.

LONWORKS®



SAVE ON COSTS



The advent of Enterprise Resource Management providers, such as SAP[®], Baan, PeopleSoft and others, are also increasing customer focus on systems integration and the openness as they seek ways to tie their facilities into singular interacting systems to save on costs of operations.

This shift in influence has been felt most strongly in the inter-relationships between access control, time and attendance and payroll applications.

Honeywell has been actively installing SAP[®] approved solutions for nine years and now a new capability is here – a SAP[®] certified application meeting the validation of SAP[®] for time and attendance and access control and all are on the same hardware platform.

SAP is registered trademark of SAP[®] AG

FURTHER SAVINGS

In Addition to all the operational highlights Temaline offers you further savings opportunities.

- Distributed, uninterruptible and intelligent power supply is totally independent from the data wiring, so many power supply modules can be located on a system to provide the necessary power specific field device groups.
- Service and maintenance diagnostic tools perform remote monitoring on all Temaline devices. Diagnostic features can be implemented as embedded functions of the terminals or as external tools.
- Remote maintenance provides for read/restore/edit functions to all system configuration parameters.

THE HONEYWELL SOLUTION... COMPLETE SECURITY

As one of the world's leading security companies, Honeywell understands the need to protect people, assets and intellectual property. With an international network of skilled people, state of the art technology and global experience, Honeywell can meet individual customers needs with complete security solutions.

Complete solutions mean...

- Providing help with all aspects of a project from initial needs analysis through designing systems and managing installation, to providing ongoing maintenance and systems operation.
- A comprehensive understanding of security requirements, technologies and innovations, based on more than 30 years in the security business.
- Being there to help customers, whenever there is a need.

Honeywell product and service can be found around the world, backed by a global network of the locations and branch offices.



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