

Honeywell Temaline



**Ensuring the security and
safety of your resources
and much more...**

Honeywell

Temaline Solution

Honeywell introduces a totally new concept in managing people and critical assets in and across your facilities.

Times have changed, and managing people's access has become more than simply opening and closing of doors. Requirements around employee health and safety, heightened security threats and the need to have a flexible solution as needs change requires a different perspective to the traditional access control approach. Temaline establishes a **new benchmark** in providing secure solutions to protect your people, property and assets. It takes the traditional components of access control, time and attendance, security and communications and combines them into a uniquely integrated security solution as part of the larger Honeywell Enterprise Buildings Integrator (EBI) offering. The complete modularity of the system frees the peripheral and field devices from reliance on the EBI for all access control functionality and also relieves the EBI of the need to do card transaction processing.



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.

THE DESIGN DIFFERENCE

To tackle the security challenges of today a different approach was needed. Temaline is a completely modular system that shares the processing of data and doesn't rely on EBI to make complex security decisions. The architecture is split into two levels:

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 security monitoring as well as asset matching.

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.

MISSION-CRITICAL

TemaServers are able to operate completely autonomously when disconnected from EBI, through 'peer-to-peer' communication. Zone enforcement and anti-passback strategies are managed between the TemaServers. 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. For high security applications all communications between EBI and the TemaServers can be encrypted without the need for additional hardware.

A SINGLE SOURCE OF INFORMATION

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 globally for many years and now a new capability is here – a SAP certified application meeting the validation of SAP for time and attendance.

The use of Lightweight Directory Access Protocol (LDAP) is becoming more common as organizations combine logical and physical access identities. Temaline has been designed to support LDAP integration to improve management of cardholders.

Visitor information is increasingly important in security decision making. Temaline incorporates a web based visitor management module so that information associated with all users – employees, contractors and visitors - can be used to better understand and mitigate threats and issues.



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 customer's 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.

SAVE ON COSTS

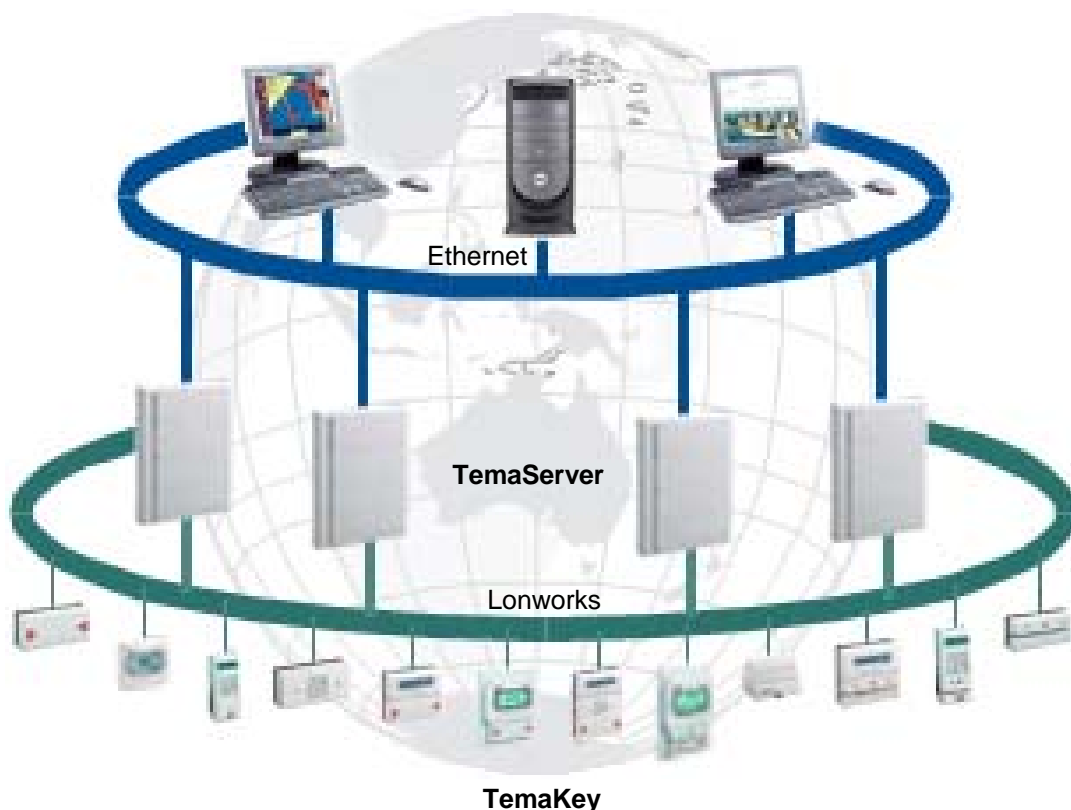
The Temaline solution has been designed to improve both the up-front installation costs as well as on-going lifecycle costs. Traditional access control and time and attendance systems use proprietary, hardwired connections from the readers to the panels. This required dedicated wiring, and lack of flexibility when expansions or changes are required.

Temaline solves these problems by using commercially recognised bus solutions (Lonworks & Ethernet TCP/IP). As a location needs change, the adding of additional devices (TemaKeys) or controllers (TemaServers) is easy.

Setup and configuration of the devices is also smarter. Temaline is designed with a powerful database distribution engine (DBDE) which manages the database updating to the TemaServers. This means changes at the supervisory system happen straight away. The days of "downloading" and local panel configuration tools are long gone.

Service and maintenance diagnostic tools perform remote monitoring on all Temaline devices from EBI. Remote maintenance provides for read/restore/edit functions to all system configuration parameters. As TemaServers are added to the network, EBI is automatically aware so commissioning time is dramatically reduced. As TemaKeys are added to the Lonworks bus they are immediately available to the TemaServers.

Enterprise Buildings Integrator™ (EBI)



Enterprise Buildings Integrator™

The total solution for building automation and enterprise management, Honeywell Temaline is just one of the security management solutions supported by Enterprise Buildings Integrator™ (EBI. EBI is a suite of applications that integrates cost-effective control over key management areas of:

- Building Management
- Security
- Life Safety
- Digital Video
- Energy Management

With EBI you have the information and resources you need to help maximise your productivity, optimise your assets, lower your operating costs, secure your facility and safe-guard your employees.

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