



Nationwide support on one number -
call the Customer Information Centre on

0870 608 8 608

Fax 0870 608 8 606

Schneider Electric's local support

Schneider Electric is committed to supporting its customers at every stage of a project. Our 180 sales engineers, the largest dedicated sales force in the UK electrical industry, operate from 4 customer support centres.

Our sales engineers are skilled at assessing individual requirements and combined with the expert support of our product specialists, will develop the most effective and economical answer taking relevant regulations and standards fully into account.

To access the expertise of the Schneider Electric group, please call 0870 608 8 608. Each customer support centre includes facilities for demonstrations and training, and presentation rooms fully equipped with audio visual and video, providing excellent meeting facilities.

T-BIS™ TRANSPARENT
BUILDING
INTEGRATED
SYSTEMS

*Transparent Building Integrated Systems is an integrated
source of supply for intelligent buildings that
represents the next giant step forward in technology.*

Local customer support centres

Scotland
Schneider Electric Ltd
Unit 11000
Academy Business Park
Gower Street
Glasgow G51 1PR

South West
Schneider Electric Ltd
PO Box 41
Langley Road
Chippenham
Wiltshire SN51 1JJ

North West
Schneider Electric Ltd
8 Brindley Road
City Park Business Village
Cornbrook
Manchester M16 9HQ

Product showrooms

Industrial systems and solutions showroom

Schneider Electric Ltd, University of Warwick Science Park, Sir William Lyons Road, Coventry CV4 7EZ

Building systems and solutions showroom

Schneider Electric Ltd, Stafford Park 5, Telford, Shropshire TF3 3BL

Energy and Infrastructure systems and solutions showroom

Schneider Electric Ltd, 123 Jack Lane, Hunslet, Leeds LS10 1BS

*"The breadth of expert knowledge
shown by Schneider Electric
was remarkable"*

*Contracts Manager
Leading UK main contractor*



www.schneider.co.uk

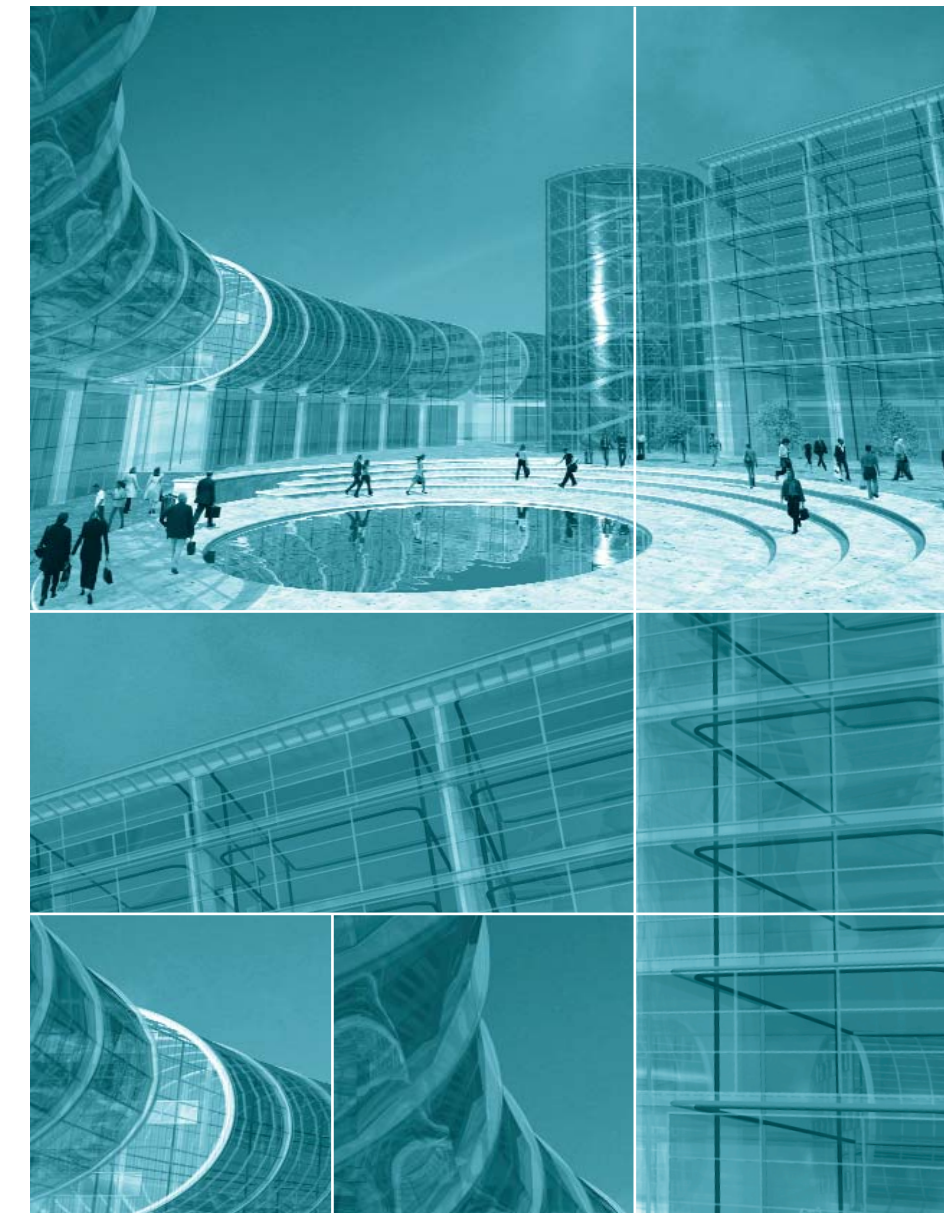
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T-BIS™

Transparent Building
Integrated Systems

An overview





T-BISTM TRANSPARENT BUILDING INTEGRATED SYSTEMS

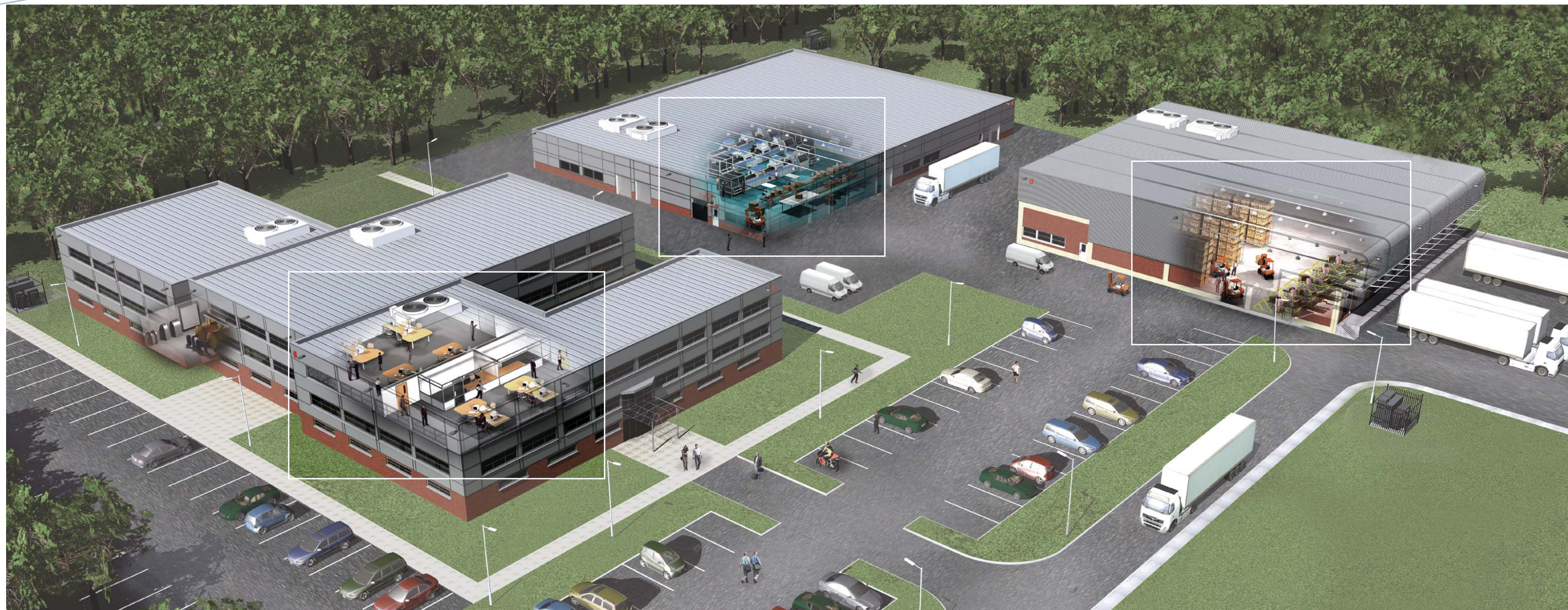
Transparent Building Integrated Systems is an integrated source of supply for intelligent buildings that represents the next giant step forward in technology.

T-BIS: Greater than the sum of all the parts

T-BIS brings together a group of experts capable of developing, delivering and supporting intelligent building solutions while at the same time having the direct access, as the manufacturer, to the most advanced equipment enabling these solutions. This comprises the product sets from Merlin Gerin, Telemecanique and Clipsal Integrated Systems.

Transparency in the built environment

Integrating all building services onto a single structured cabling backbone provides a 'transparent' infrastructure enabling authorised users, fast, secure, shared and simple access to information from any location. Transparency reduces the capital costs of design and installation whilst maximising the operational costs.



Compromise is not an option

The majority of vendors enter the intelligent building market from a single platform of expertise, be this lighting, security, or HVAC. These vendors may have excellent solutions within their specific competency, but present severe compromise in all other areas. Schneider Electric suffers none of these compromises.

Anytime, anyplace, ready for sharing enterprise wide

T-BIS enables local and global management of mission critical resources, whatever the scale of installation. Whether an entire data-centre or a local bank, a global chain of supermarkets or a single retail store, or across commercial and industrial properties to residential developments.

Technology that works together for solutions that grow together

Schneider Electric is the most equipped, best qualified and most experienced intelligent buildings provider. T-BIS is the perfect partner for architects, building services firms, contractors, FM companies and end users alike. Wherever you are in the life cycle, from design to installation,

operation and maintenance, T-BIS lets you optimise the performance of your facility. With direct, quick and simple access, leading to more bottom line benefits with e-services, T-BIS can rightly claim leadership in the provision and implementation of intelligent buildings.

T-BISTM TRANSPARENT BUILDING INTEGRATED SYSTEMS





HVAC control

Enabling the control and management of the buildings' heating, ventilation and cooling system through the building.net solution. Whether centralised or distributed, the plant can be controlled from any location by implementing services of the internet to present information to multiple authorised users.



Audio and visual control

For the implementation of effective audio and visual control, the C-Bus networking solution is a must. By integrating functionality into the overall scheme, the desired effect can be reached with ease.



Lighting control

Implementation of an energy efficient lighting scheme could not get any simpler than with C-Bus, one of the most flexible and reliable systems for lighting control. C-Bus is high quality, straightforward to design and install, whilst integrating seamlessly to other building services.



Power management

Comprehensive **PowerLogic** power management provides real-time and event information to mitigate and diagnose problems effectively and efficiently. **PowerLogic** leads to improved system reliability and increased equipment utilisation.



Access control

From single door station access to networkable systems for commercial and industrial applications, employing proven, innovative technology and realising unsurpassed reliability, the network system features a web interface and is compatible with a range of high end industry standard readers.



Energy management

Understanding how utilities are being used is the key to successful energy management. **PowerLogic** enables metering and monitoring of electricity, gas and water to facilitate credible savings on utility bills. An almost instantaneous return of investment is not impossible.



VDI networking solutions

Voice Data Image networks providing data infrastructure for fast, efficient data exchange. Enabling the convergence of building services utilising independently verified Ethernet cabling systems to the highest standards, ensuring component level capability in addition to channel performance.



Security

Video surveillance and intruder protection solutions manufactured by Clipsal Integrated Systems offer full functionality in recognition with the latest European standards, whilst integrating to the wider platform of the building services.

For more information on how T-BIS™ can make your building come to life, call 0870 608 8 608



"Operational economies, efficiency gains for maintenance, improved productivity and a more pleasant working environment were all realised as a result of the transparent building"

*Facilities Manager
Leading pharmaceutical company*



There is no substitute for experience
Nothing installs confidence more than experience and knowledge. Schneider Electric has this experience and knowledge within the built environment across a multitude of application and market segments. The T-BIS installed base spans from global institutions to local schools.



Imperial War Museum North: T-BIS brings visionary landmark to life

The Imperial War Museum North is the first building in the UK to be designed by internationally acclaimed architect Daniel Libeskind. Clad in aluminium, this landmark building is a visionary emblem of war and reflects the innovative approach to the entire project. When it came to bringing such a unique and contemporary building such as the museum to life, the project designers chose to install an intelligent control and management system

from Schneider Electric that performs a number of tasks both inside and outside the building. With an extensive collection of militaria on show, the museum required a comprehensive system that would provide dramatic effects while remaining easy to operate and control. T-BIS has delivered a system that goes beyond these requirements, delivering a system that is adaptable for future needs and highly energy efficient.



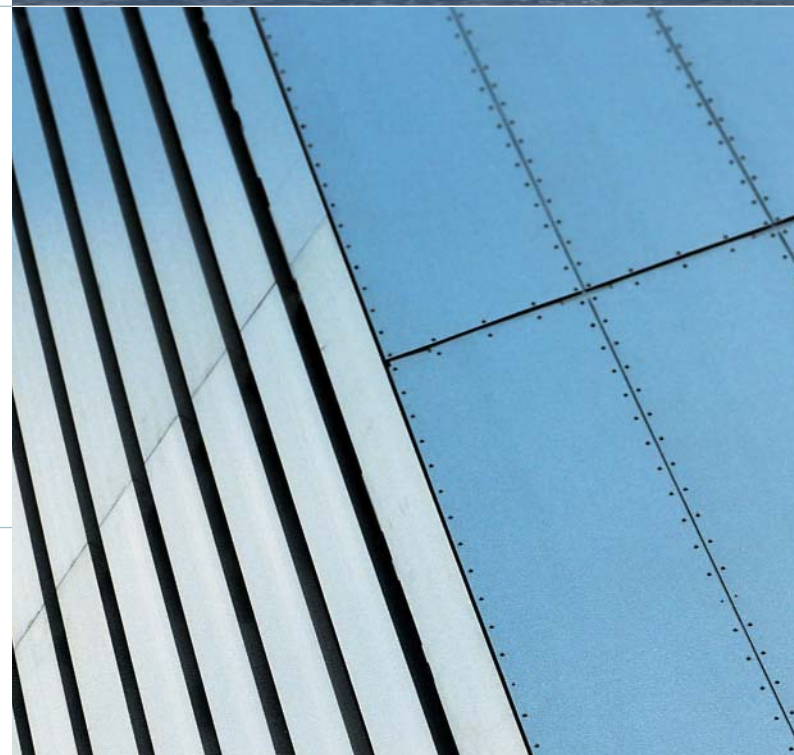
Images courtesy of Imperial War Museum North. Len Grant : Photographer



William Grants and Sons: Freedom to win 80% rebates with advanced system

William Grants and Sons produce world famous Scotch whisky brands, including Glenfiddich, the worlds best selling single malt scotch whisky. When encouraged to review its energy costs at its largest plant in Scotland, located in Girvan, Schneider Electric was approached to provide an advanced system to meet the clients needs. The food and beverage industry is faced with high energy bills arising from the Climate Change Levy (CCL).

In a bid to alleviate this, the T-BIS team focussed on the information that would be required to enable Grants to qualify for an 80% discount scheme. Through the use of a **PowerLogic** system, T-BIS provided reports in HTML format so that William Grants and Sons Distiller Ltd. employees could connect to the Local Area Network and review not only energy consumption but overall performance of the plant.



“The system is so easy to use... information is presented to the right person, at the right time and in the right location”

Site Services Manager
Leading automotive manufacturer