



HAWKE[®] | Transit
System

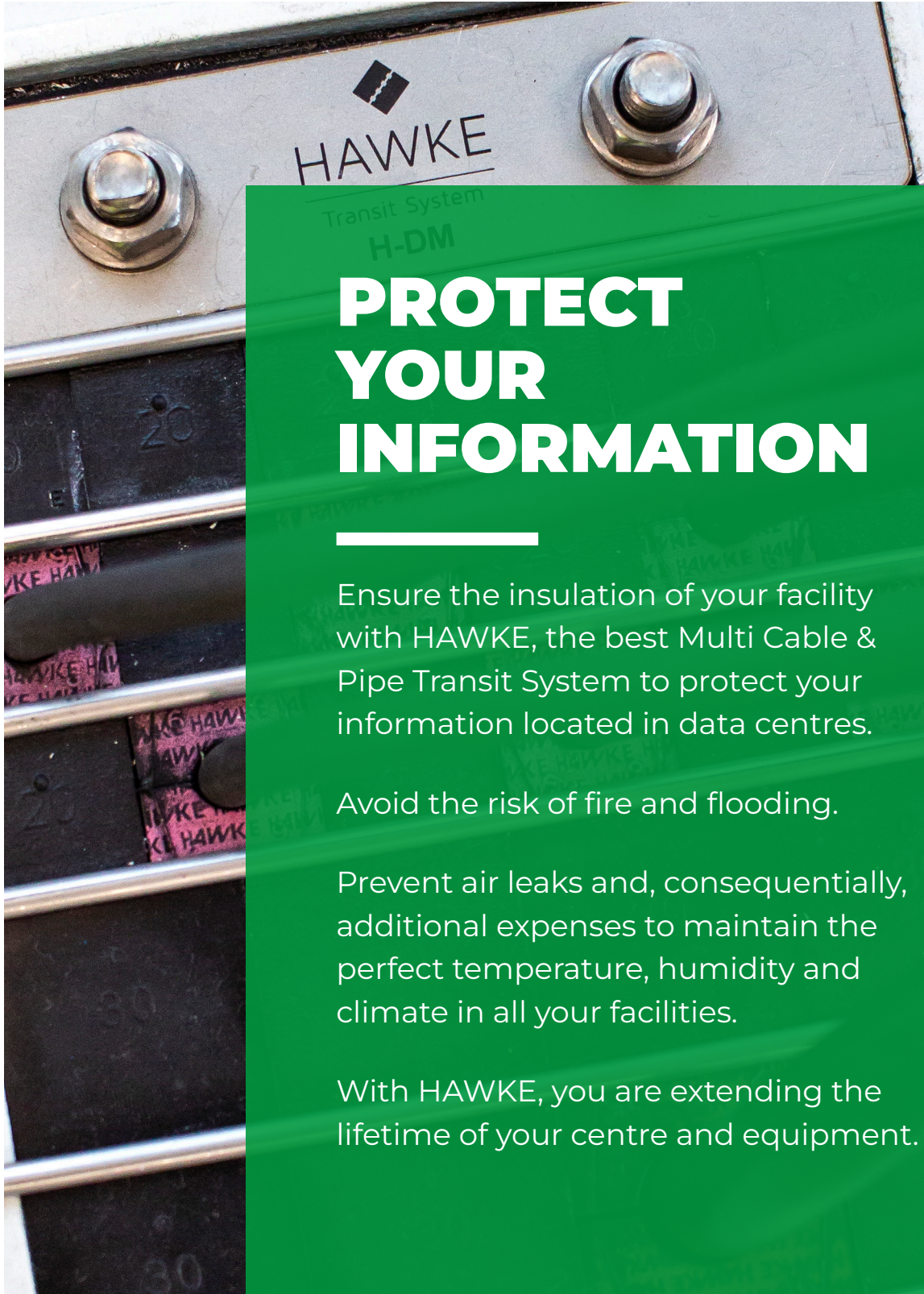
DATA CENTRES

Specialist in sealing
of Data Centres

WWW.HAWKE-HTS.COM



CABLE AND PIPE PENETRATION SEALING SYSTEM



PROTECT YOUR INFORMATION

Ensure the insulation of your facility with HAWKE, the best Multi Cable & Pipe Transit System to protect your information located in data centres.

Avoid the risk of fire and flooding.

Prevent air leaks and, consequentially, additional expenses to maintain the perfect temperature, humidity and climate in all your facilities.

With HAWKE, you are extending the lifetime of your centre and equipment.

HAWKE THE PERFECT SEALING SYSTEM FOR DATA CENTRES

The Hawke sealing system has been designed to meet the stringent demands of even the most hazardous environments.

Our company boasts an extensive array of certifications issued by the world's leading certifying authorities.



Use Hawke to protect

- Cabinets
- Enclosures
- Electrical Equipment
- Generators
- HVAC Systems
- Junction Boxes
- Panels
- Power Systems
- Structural Facility
- Switchgear
- Transformers
- More...

ADVANTAGES OF HAWKE TRANSIT SYSTEM

When using Hawke products, the installation process is straightforward: **select a specific Tolerant block and install it immediately onto the respective cable.** The installation speed dramatically reduces labour costs when compared to alternative products.



Hawke's uniquely designed Multidiameter blocks, you get 4 mm of tolerance in the same block.

Each block is manufactured incorporating five adjusting points and four sealing slots along the inside of its faces, which, upon compression, perfectly adapt to the cable diameter, allowing for proper sealing of cables or pipes with an imperfect exterior in diameter or shape.

Modifying any product is a process that can lead to human errors. In fact, in a large project where thousands of blocks need modification, the likelihood of making a mistake is quite high.

Any errors in sealing block modification will result in a complete compromise of the installation's integrity and its protection against gas, water, and fire.

A close-up photograph of a grey, rectangular Hawke Transit System block. The block has a circular opening on its side. A black cable is being inserted into this opening. The block is resting on a surface with other similar blocks visible in the background.

No onsite modifications needed

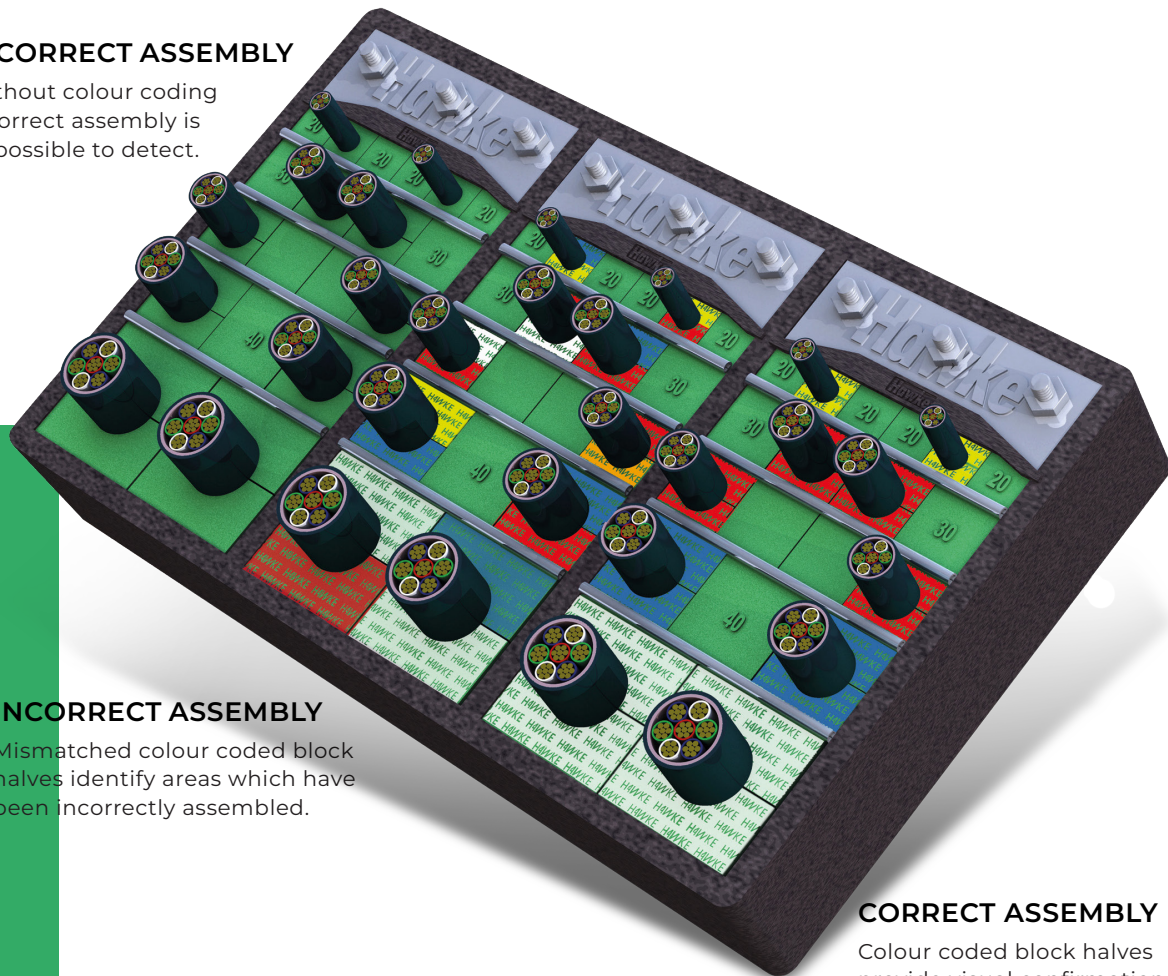
Total inspectability

The individual block halves are clearly colour coded, also displaying the maximum and minimum diameter of cable/pipe they are designated to seal.

Colour coding allows the inspector to clearly identify the size of the blocks used is correct for the cable or pipe size. Without colour coding, it is extremely difficult to inspect/verify that the system has been installed correctly.

INCORRECT ASSEMBLY

Without colour coding incorrect assembly is impossible to detect.



INCORRECT ASSEMBLY

Mismatched colour coded block halves identify areas which have been incorrectly assembled.

CORRECT ASSEMBLY

Colour coded block halves provide visual confirmation of correct assembly.



No waste material

As our Tolerant Blocks do not require any on-site modification, they do not generate waste material.

This means that potential hazards and costs associated with waste product disposal are eliminated.

ENVIRONMENT FRIENDLY



HAWKE FOR DATA CENTRES

Rectangular Standard

Hawke civil transit systems provide protection for cable/pipe entries passing through a wall, deck or bulkhead.

The transit system will maintain the integrity of the structure exposed to risks from hazards such as fire, smoke, water ingress, toxic gases, or rodent attacks.

Hawke frames can be cast within a concrete wall, cemented into a wall, bolted to a wall or welded or bolted to a metallic structure.

Manufactured in mild steel, stainless steel or aluminium; special solutions can also be fabricated upon request. Hawke frames are made and finished to strict quality controls.

Each evenly packed row of blocks is secured by a **Stayplate**. There must be a stayplate in contact with at least one side of the block to maintain the correct pressure rating for the system.

The **Compression System**, serving as the final component of the installation, is inserted into the top of the opening.

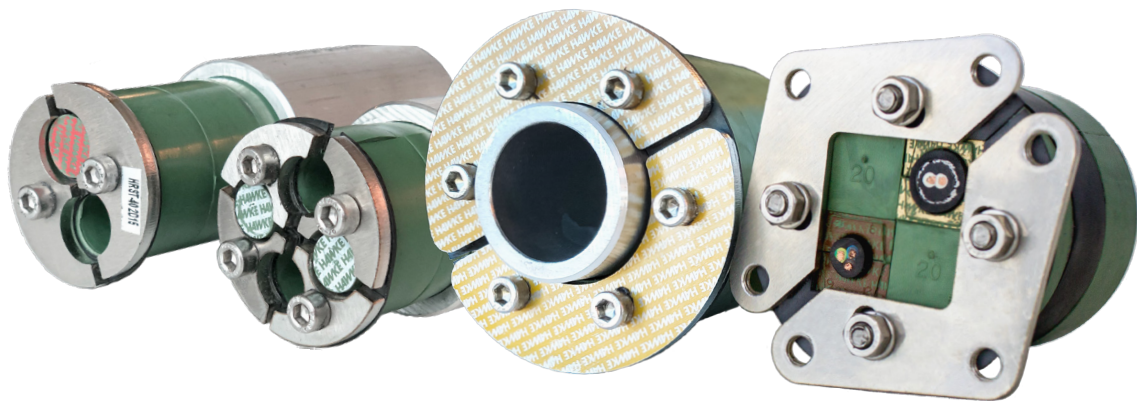
This system is used to apply and distribute compression throughout the system.

Round Standard

HTS round transits effectively seal cables and pipes passing through circular openings, providing protection against the same hazards as rectangular frames.

Sealing is achieved by tightening the compression bolts, which expand the system radially, exerting pressure against the outer sleeve and thus sealing the services, blocks, or inner pipes.

Round transits are installed within sleeves. HRTOs (with blocks, for multiple cables/pipes) and HRSTs (without blocks, for single cables/pipes).



Cabinet Seals

Hawke Cabinet Sealing Systems provide IP- 66/67 protection to cable entries within a cabinet/electrical enclosure, preventing water and dust from penetrating it and thus safeguarding the equipment within.

Its modular design allows modifications exactly like standard installations.

Using an H-DM is an easier and faster alternative to using conventional gland plates.



DEVELOP YOUR OWN MCT DESIGN

Hawke Management Software – HMS

Hawke Management Software facilitates and speeds up the design of your sealing system; it calculates the material list and its distribution automatically while maintaining traceability of all cable data, saturation percentages per area, etc.

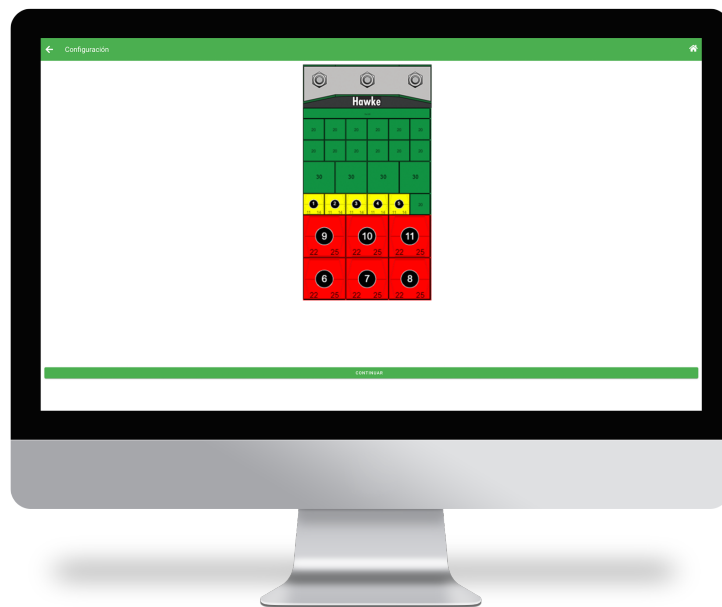
With HMS it is possible to import projects and cable data from an external file, managing thousands of cables and transits in few clicks, allowing you to obtain material lists, detailed drawings, and various project and transit reports.

The software allows for data modification and automatic recalculations, always providing the best combination of components to save time and money.

Its drawings ease installation by showing colour coded blocks, which not only

significantly reduces installation time but also maintains complete sealing traceability.

- Save time designing your projects.
- Handle large quantities of cables and transits.
- Import cable schedules and project data.
- Automatically or manually calculate the best combination of materials.
- Export material lists, reports and installation drawings.
- Modify cables position directly on the drawing.
- Preview the transit with colour coded blocks.
- Export project summaries for quick quotation requests.
- Share projects through the internal server.





Efficient installation

Calculate the best combination of materials.



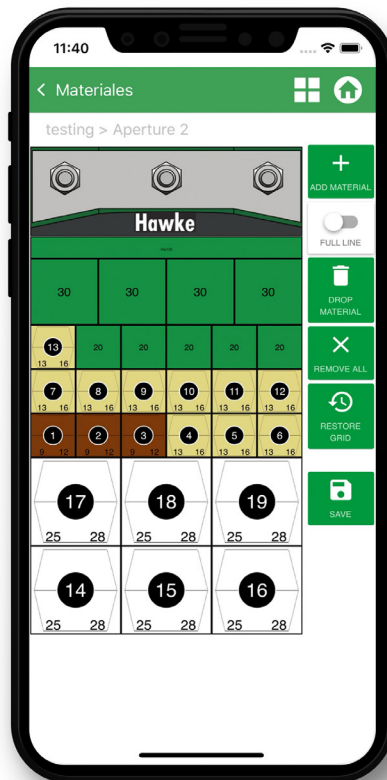
Manual configuration

Modify and adapt configurations manually.



Preferences selection

Export material lists, reports and installations drawings.




Project preview

Preview the transit with colour coded blocks.



On-site modification

Adjust cable positions directly on the drawings.



Project exportation

Export project summary for quick quotation requests.

HAWKE INSTALLERS APP

Hawke Installers App makes the installation of your transit projects easier and faster, providing all the necessary information for on-site execution.

Designed to run from a mobile device (smartphone or tablet), the app allows the installer to automatically calculate the best configuration of the transit, obtaining the recommended distribution throughout the system, material list, color coded drawings, and other important information. All of this is displayed while maintaining the traceability of cables and materials.

Additionally, the worker can access the product catalogue at any time, as well as installation instructions and tips, installation videos, and contact Hawke Transit System

for technical support. All these features help reduce installation time and prevent possible installation errors.

- Save time installing your projects.
- Calculate the best combination of materials automatically or manually.
- Modify and adapt configurations by hand.
- Export material lists, reports, and installation drawings.
- Modify cable positions directly on the drawing.
- Preview the transit with colour coded blocks.
- Export a project summary to quickly request a quote.





TAILOR-MADE SOLUTIONS



EMC SYSTEMS

HAWKE INTEGRAL SERVICES

The Hawke technical support service offers a comprehensive installation training programme for your installers.

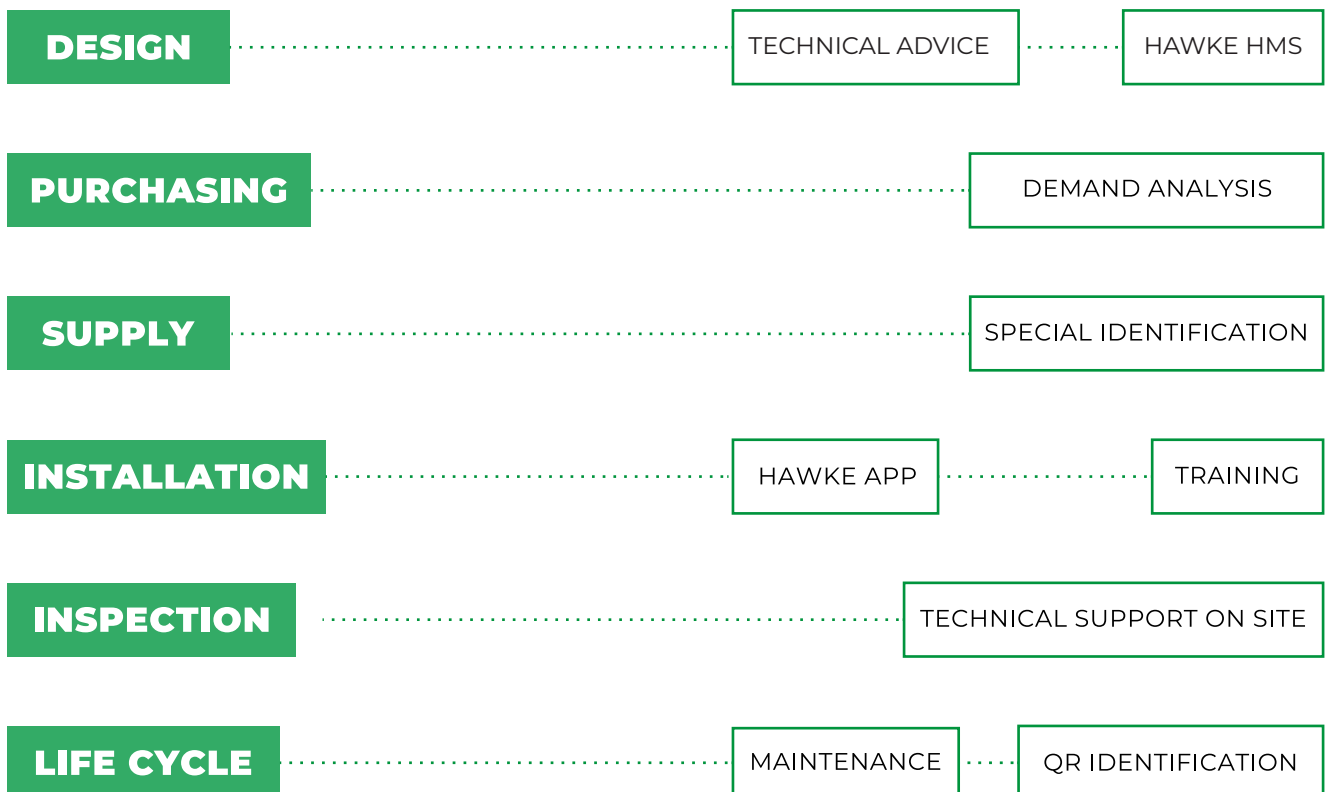
Installation training also enables your installers to learn the best installation techniques, saving time and avoiding installation errors.

The training also demonstrates that Hawke can be installed much faster than other sealing systems.

This training may include inspection and supervisory support to detect potential installation errors and propose the necessary corrective actions.



SUPPORT ALONG THE LIFECYCLE OF YOUR PROJECT



EXTEND YOUR FACILITY LIFE CYCLE BEYOND USING HAWKE



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