

If you would like Harp Visual Communications Solutions to help you deliver your audio visual solution, please call us on 01329 844005 and ask for our new business manager. We look forward to showing you the bigger picture.

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H A R P

VISUAL COMMUNICATION SOLUTIONS



Corporate Audio Visual Solutions



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Harp offers audio visual solutions from simple single screen displays to complex video transmission systems that broadcast real-time video streams over dedicated fiber networks. Its knowledge of audio, video and IT make it one of the few companies that can successfully deploy workable solutions be it in mission critical command and control installations or high profile PLC board rooms.

Known mainly for its ability to design and deploy command and control systems for major utilities, transportation centres and the military Harp has added video conferencing (Huddle Rooms), Board Rooms, Virtual Reality Suites, Room Booking Systems and COVID temperature screening to its repertoire. More recently it has partnered up with Microsoft to deliver mixed reality solutions to complement its traditional command and control solutions.

Once systems have been installed Harp offer a service to keep these systems at peak performance by providing preventive maintenance visits, on-line monitoring, first line telephone support and on-site engineering. Each site can be actively monitored to confirm all of the equipment is set-up and ready to use. On-line configuration so that systems can be pre-set prior to meeting beginning.



From small huddle rooms to large venue video conferencing auditoriums Harp can offer many standard and tailored options.

Huddle rooms – and the less structured huddle spaces – are collaborative spaces meant for informal, peer-to-peer communication. Perfect for brainstorming or touching base with co-workers or classmates, huddle rooms are becoming a popular addition to modern working spaces. And when outfitted with the right technology, a huddle space becomes a powerful workstation for a small team.

Complex audio visual systems for boardrooms require a variety of video and audio conferencing facilities. Harp offer several display and microphone styles, including table or discrete ceiling-mounted microphones, as well as a choice of speakers to ensure clear communication is available wherever you are seated in the boardroom. Our wireless systems offer you the flexibility to accommodate different room layouts without compromising on voice quality. These wireless microphones can also be stored out of sight when not in use.

Whether your preferred communications is with Zoom or Teams or WebEx Harp can deliver a solution that will provide an easy to use interface allowing participants to worry about the meeting not how to get it started.





Harp Visual Communications is well versed in the supply of innovative signage systems for its extensive client base. Such systems are designed to enhance the customer experience whilst traveling on foot, by car, by bus, escalators, airport moving floors or walking down long monotonous walkways.

Using a technological composition of strategically placed screens, several programmed sensors and Harp's innovative software, movement and content are perfectly synchronised to give passengers impressive and uninterrupted access to timed video content and enhancing their journey.

As part of the signage package Harp have integrated the Fraunhofer Shore facial recognition software into its enclosures so that it can ascertain whether the viewer is:-

- Male or Female
- Happy, Sad, Angry
- Age Estimation

Harp has a very impressive list of dynamic signage video wall installations for a range of well known clients including Reuters, BBC, multiple Catapults, Audi and various universities.

All of these high profile installations are extremely mission critical for the client, and as such carry the most stringent of SLA arrangements whose strict KPI's, Harp always complies with and inevitably achieves.



Booking a conference room should not be a daunting task. However, inefficiencies, and unproductive processes often result in double bookings, increases in administrative times and a general sense of frustration. Implementing a bespoke room booking systems can help your company put the frustration behind, and breeze through meeting after meeting. By providing an intuitive, user-friendly experience, room booking solutions showcases every important information about your rooms, their conditions and capacities.

Flawlessly managing meeting facilities, visitors, hospitality services and video conferencing is now possible thanks to our meeting room booking systems.

Room scheduling does more than make it easy to book a space.

It gathers intelligence, facilitates productivity, opens up possibilities so that your organization keeps moving. And it does it all easily and effectively at every touch point—from installation to operation.

The solution lets you decouple your software from your hardware so you can change applications as your needs change. Nothing stands in the way of the growth of your organization.

HIKVISION®

36.5° C

Temperature Screening Thermal Solutions

SAFER, FASTER, SMARTER

With advanced detectors and algorithms, Hikvision's Temperature Screening Thermal Cameras can detect elevated skin-surface temperatures in moving crowds such as passengers, commuters and shoppers, with accuracy up to $\pm 0.3^{\circ}\text{C}$.

Search Hikvision

- Increased Safety**
NON-CONTACT measurement to avoid physical contact
- AI Detection**
REDUCES FALSE ALARMS from other heat sources

- High Efficiency**
ONE SECOND to detect the skin-surface temperature of a person
- Multi-Person Detection**
SIMULTANEOUSLY captures results

Temperature Screening Thermal Products

DS-2TD2637B-10/P

DS-2TD2636B-15/P

- AI Detection**
- 384°288 thermal resolution
- 10 / 15 mm thermal lens
- Recommended camera-target distance: 3-9 m
- 6 mm optical lens

DS-2TD1217B/PA

- AI Detection**
- 160°120 thermal resolution
- 3 / 6 mm thermal lens
- Recommended camera-target distance: 0.8-1.5 m / 1.5-3.0 m
- 4 / 6 mm optical lens

ISD-SM6318LT-F

- Metal Detector Door with Thermal Turret Camera**
- LCD screen with real-time temperature display and people-counting statistics
- Light and sound alarm
- 160°120 thermal resolution
- 3 mm lens / 4 mm optical lens

DS-2TD2617B/PA

- AI Detection**
- 160°120 thermal resolution
- 3 / 6 mm thermal lens
- Recommended camera-target distance: 0.8-1.5 m / 1.5-3.0 m
- 4 / 6 mm optical lens

DS-2TP218-6AVF/W

- Wi-Fi**
- 160°120 thermal resolution
- Max 8 MP optical resolution
- 6 mm thermal lens
- Recommended camera-target distance: 1.5-3.0 m

DS-2TE127-64A

- Blackbody Calibrator**
- Increases the temperature measurement accuracy from $\pm 0.5^{\circ}\text{C}$ to $\pm 0.3^{\circ}\text{C}$

Hikvision's temperature screening thermographic cameras are designed for the detection of skin-surface temperatures so as to achieve rapid preliminary screening in public areas. Actual core body temperatures should be further confirmed using clinical measurement devices. Under any circumstances, it is highly recommended to use Hikvision's thermographic cameras in accordance with local laws and regulations.

SCAN DETECT PROTECT YOUR PEOPLE

First line of defence for back to work protection, from coronavirus, for your employees is the essential route back to working safe.

Features include: -

- Automated audio alarm.
- Email Alert
- Monitoring remote from camera.
- No need to 'mask and gown' up
- Visible detection screen
- Automatic Gate barring
- Scans upto 60 people a minute

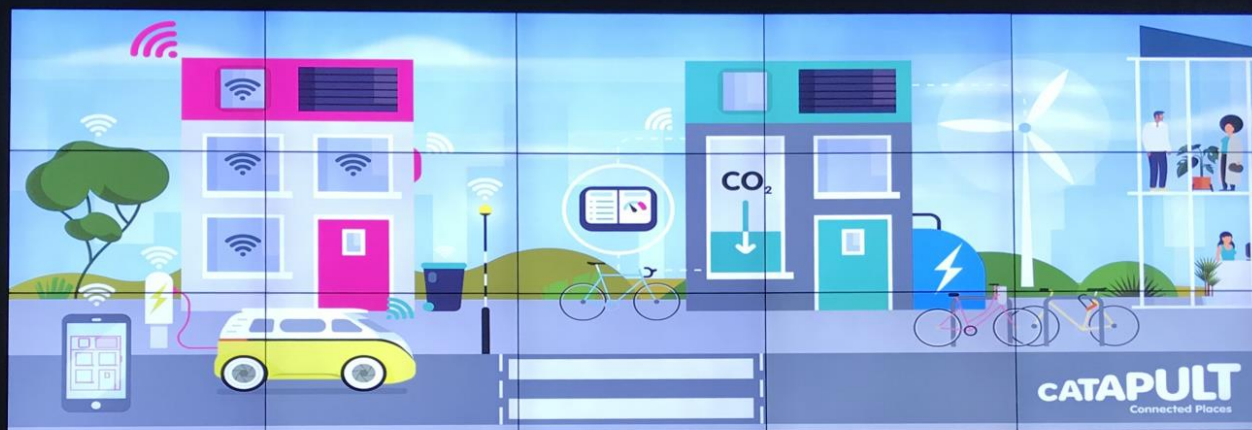
Harp solutions use high definition thermal cameras with a $\pm 0.3^{\circ}\text{C}$ accuracy which can detect people entering your building with an abnormally high temperature.

Non recording solutions from Harp are automatically GDPR compliant as no information / image is recorded or transmitted into the cloud.



Image: HikVision, FREETO LEARN, London.





Harp Visual Communications are experts in the supply, installation and maintenance of prestigious video walls, the associate bespoke bracketry, the various video processing equipment, content and the content management system.

The functionality and ultimate health of the installed video wall, its content and more importantly, the content delivery, is constantly monitored by Harp engineers in the control room facility in Hampshire. Any downtime is therefore minimised by timely remote intervention or, if required, the dispatch of an engineer as soon as a fault is detected, which is more often than not before the client has noticed the issue.

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Options

Technology: LED, LCD or Rear Projection

Resolution: HD / 4K / 8K

Processing: On board Image Processor



Board Room - Conference Room

Deployment of technology

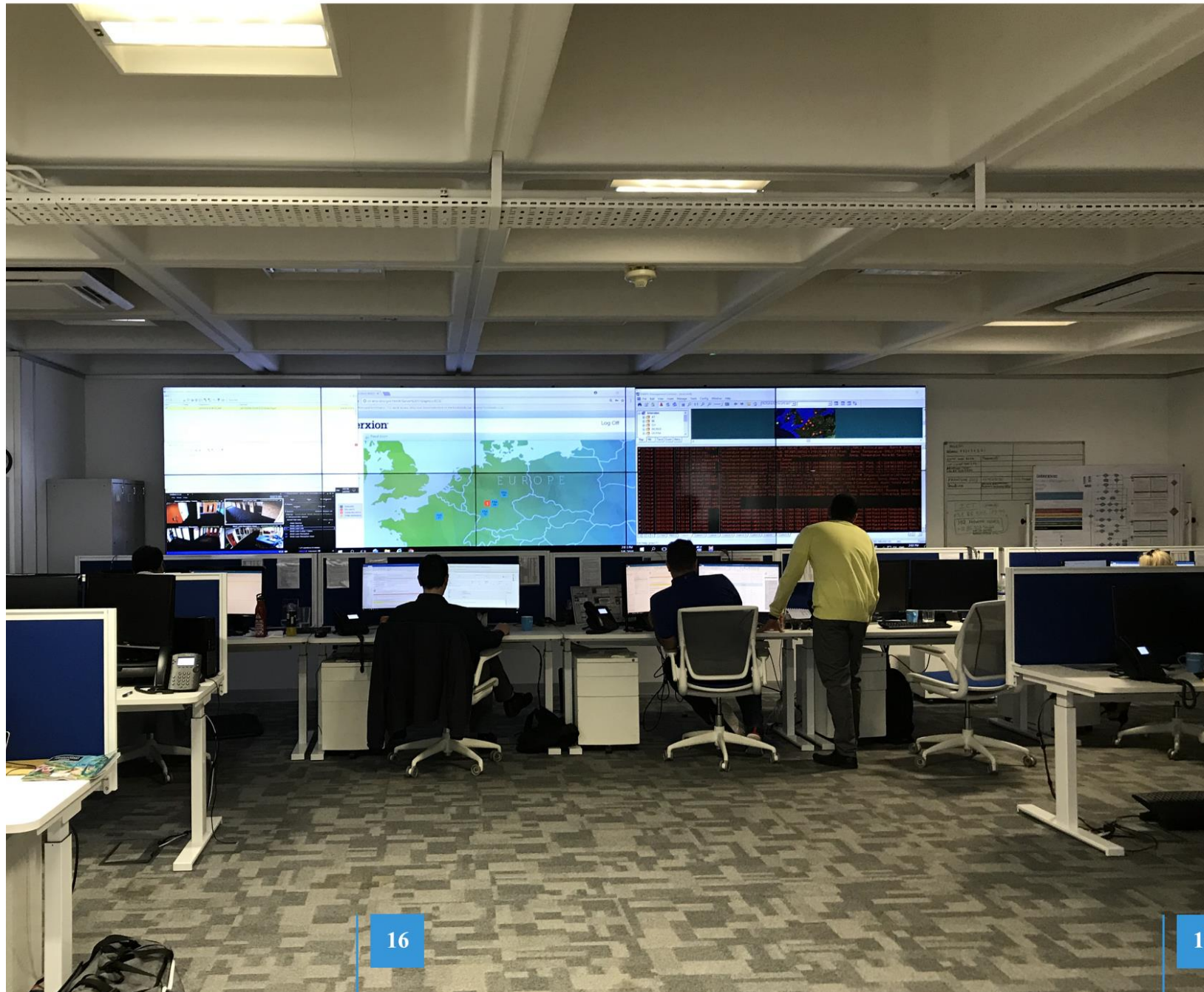


The audiovisual systems required for Boardrooms, are often the most advanced multimedia solutions that a company or organization will invest in, since it is often the Boardroom that hosts the most important client facing meetings, or where critical internal decisions are made.

In addition, room aesthetics are very important, and the technology must integrate seamlessly into the room architecture and furniture to take account of the; image, nature and grandeur of the space. Harp can provide AutoCAD layouts as part of our service to assist in this process.

Such rooms will almost certainly require videoconferencing and audio conferencing, but increasingly HD (High Definition) Videoconferencing is being adopted. Audio performance is vital where long meetings are held with important decision making, therefore we design audio solutions from small rooms to the largest possible Boardroom allowing all participants to hear with complete clarity.

Busy business professionals do not want to spend time learning how advanced audiovisual systems operate; therefore all Boardroom solutions Harp designs have an intuitive control system allowing the technology to be used easily, reliably and to its best advantage.



In a control room environment, being seen to have complete control is as important as having control – to keep customer confidence running high, and operations smooth. Harp is a UK-based engineering company which has spent years developing both the expertise and supporting products needed to design effective control room and multi-screen solutions. Solutions which integrate with each customer's particular processes, operating systems and people to put them clearly – visibly – in control.

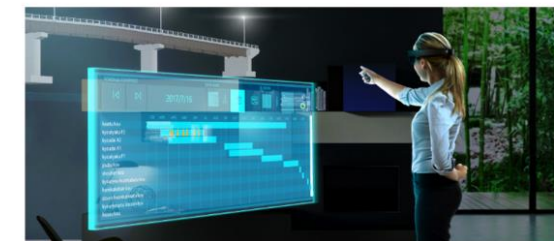
Unlike manufacturers who rely on and sell their own solutions, Harp is able to select the most appropriate systems and tools on the market, and integrate them with its own drive electronics. These proprietary tools allow the working systems to be adapted and tuned to the way you wish to work now, while being open to future changes.

More important still, Harp is able to deliver the total solution – from room design and layout through to the software integration of the video wall – with hands-on project management and maintenance support at every stage, from initial planning to everyday operations.

It is this combination of technical expertise and total management ability that has made Harp Visual Communication Solutions the largest installer of control room video wall systems in the UK.



Image: Interxion, London, Rendering design Vodafone, Hammersmith.



Mixed Reality is a blend of physical and digital worlds, unlocking the links between human, computer, and environment interaction. This new reality is based on advancements in computer vision, graphical processing power, display technology, and input systems. These Mixed Reality solutions deliver has gone beyond displays to include:

- Environmental input
- Spatial sound
- Positioning in both real and virtual spaces

Technological advancement enables Mixed Reality experiences, but there aren't any devices today that can run experiences across the entire spectrum. Windows 10 provides a common Mixed Reality platform for both device manufacturers and developers. Devices today can support a specific range within the Mixed Reality spectrum, with new devices expanding that range. In the future, holographic devices will be immersive, and immersive devices will be more holographic.

Harp can offer solutions from basic starter systems through to full blown implementation packages to whether you are considering the concept or engaged into the development and implementation.





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With so many mission critical audio visual systems in the Harp installed base, the company is charged with not only making sure that all screens are functioning correctly and are colour balanced etc, but also ensuring that the correct content is being delivered and displayed to the correct screen at the correct time.

Client content is delivered and scheduled online on a common timeline basis, using a unique delivery system pioneered and unique to Harp.

By having such a sophisticated and reliable schedule monitoring system, it is possible to produce all the relevant statistics needed to demonstrate to the client the playout times, downtime etc. of each screen and the campaign it relates to.

Key features

Monitoring 24/7 365 days a year

Heart Beat Monitoring every 4 hours

Alarms from displays

On-line diagnostics

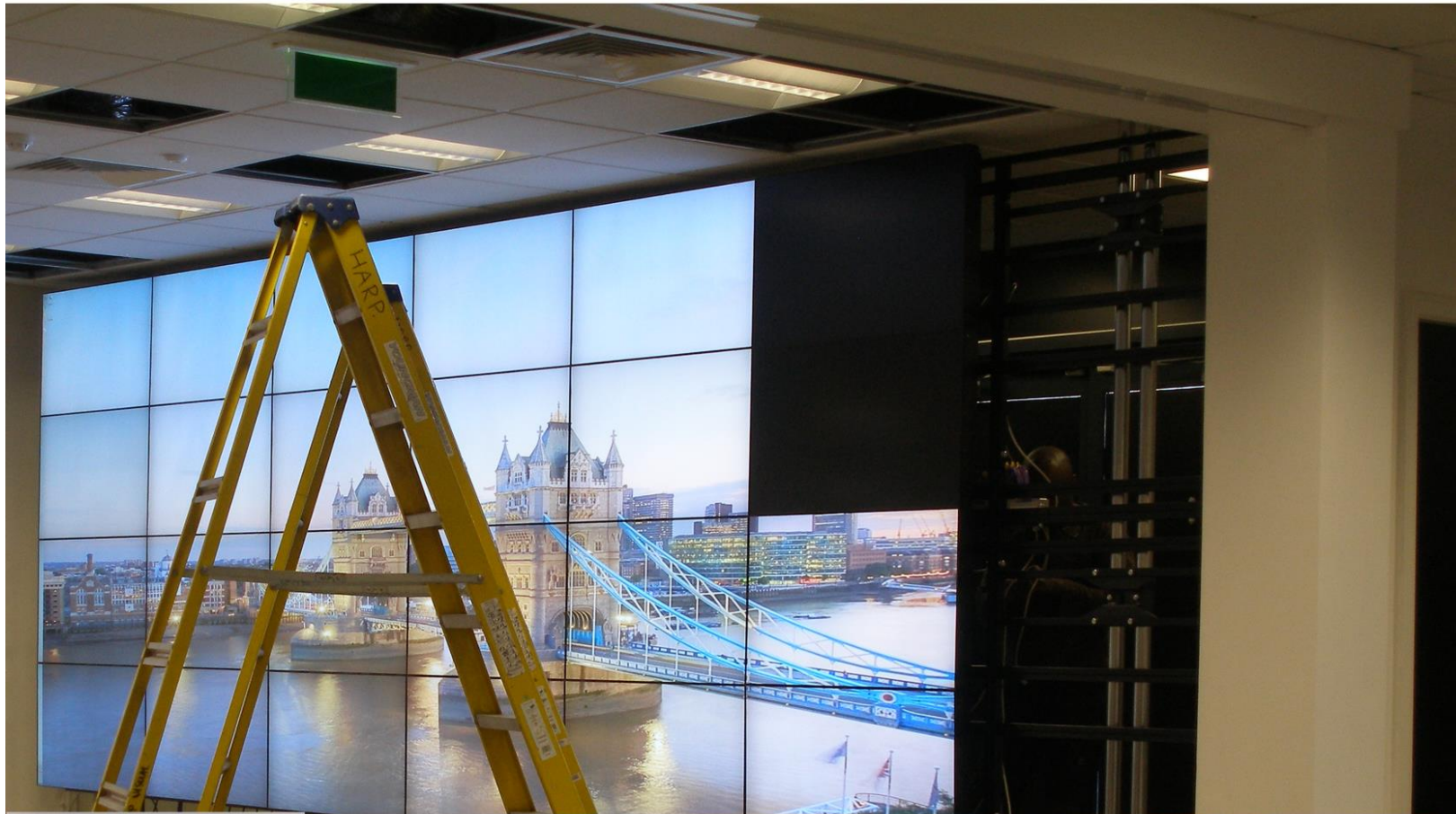
Image freeze detection

Image black screen detection

Display Failure detection

Client view screens.

Image: Harp's Monitoring Suite, Southampton.



Harp offers an installation and maintenance service for all of its products ensuring that each is fitted and commissioned in the most efficient and effective manner. All of Harp's installation engineers have safety passports and are well versed in construction site rules and procedures.

Harp will totally project manage complex installations, providing relevant expertise in the shape of structural, electrical and data installation engineers where needed.

Safety is paramount on these projects as most are public facing and often in areas to which the public have access during the installation. A project manager conducts a full site survey and generates risk assessments and method statements before any work commences.

