

## OUR EDUCATION PORTFOLIO

# From a pop-up classroom to a multi-sports facility

Instant classroom

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# INSTANT CLASSROOM

Instant space for a classroom, staff room, common room or dining space

“At Smart-Space, we developed this new addition to our portfolio so we can continue to offer innovative ways of adding extra space”

Developed in response to demands for an instant classroom, we have created a brand new style of Smart-Space building. It offers a substantial space that can be used for many applications, particularly in a populated space where people learn, dine or meet. This is a stylish, exciting addition to our range of instant buildings and we've even adopted our prototype as our sales office. You can rent or buy, choose short or long term, it doesn't require foundations and is highly affordable compared to any alternatives. You can choose to add in a kitchen area, toilets and storage. In fact, you can have whatever you like: quickly and on your own terms. It is insulated and ideal for a classroom setting.



“It's an exciting, instant option for schools who need more space”

## Fact file

- ✓ Highly suited to an educational environment
- ✓ Options on doors, windows, flooring, heating and lighting
- ✓ Different external finishes available
- ✓ Rapid build, no foundations required
- ✓ Short or long term rental, option to buy at any stage
- ✓ Various options on finishes - we have magnetic walls in our show office
- ✓ Various sizes
- ✓ Kitchen or toilet bays may be added
- ✓ Visit us to inspect the quality, finish and feel of the building
- ✓ Directly employed teams of installers





# A temporary sports facility for the students of Sherburn High School in Leeds

“For this project, Smart-Space successfully supported a multi-partner build involving several stakeholders”

Sherburn High School, with over 750+ pupils, situated in a village just outside Leeds, suffered a disaster on 3rd July 2018 when its sports hall was the target of an arson attack and burnt to the ground. Luckily no one was hurt. Not only was the school well insured for a rebuild, but it was also able to install a temporary building whilst the lengthy process of planning and rebuilding a permanent structure could happen in the background.

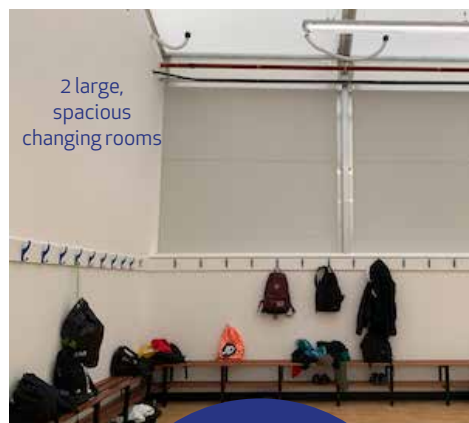
Led by John Wagstaff, the school's Site Manager, there were a few considerations - primarily the need to provide a temporary solution very quickly and the ability to work with a number of agencies. In a more complicated arrangement than usual, Smart-Space worked with several stakeholders - Sherburn High School, North Yorkshire County Council, the insurance company, Tom Willoughby (a framework contractor of the council), Align building company and a specialist flooring contractor.

One of the important criteria for Sherburn High School was to use UK-based suppliers. Smart-Space flies the flag by using British made components, sourcing everything as locally as possible and employing its own team of people for the build.

The fire left its own legacy in terms of the after-effects that needed to be addressed so that building work could commence. One of these complications was the requirement for new gas pipes - not an easy job but a major factor that had to be taken into account. A new access road and car park was also built to make the temporary building site viable for all contractors. Even the position of several, well-established, protected trees affected decisions on location of the temporary building.



The interior feels extremely substantial



2 large, spacious changing rooms

“Once planned, our new gym was up and running within a week”

The new facility, which was installed over a few days during the school's summer holiday period, consists of a huge hall where a number of sports take place daily - including an indoor high jump, table tennis, gymnastics and PE lessons. There is a large teacher's office and two cavernous changing rooms that feed off the main entrance hall. Once inside, the building has a sturdy, permanent feel. It is light and airy and its inflated roof means that it is not susceptible to condensation or damp. "We tend to heat the space if it needs it and then turn it off as it maintains its temperature very well" said Mr Wagstaff.

"It all went like clockwork" said John Wagstaff. "Everyone was very impressed, including the council's Health and Safety people who operate to really high standards. Tom Willoughby, the framework contractors who managed the project, said it was fantastic".

Working with several contractors to create a temporary building is not new to Smart-Space but it is something they don't face often. "Ordinarily, we take on a project from start to finish so this time we had a lot more to do in terms of communication and integrating and managing our part to make sure it all came together, which of course it did!" explained Jason Lynock of Smart-Space.



"The speed of this build reflects the importance of dealing with a UK-based, experienced business. I don't think it would have been achieved otherwise"

Jason Lynock, Smart-Space



Positioned to use protected trees as an attractive canopy for the temporary building

For the future, the temporary building is being considered for a number of additional uses - as a public sports facility out of school hours and a venue for the school leavers' events. It will remain in place until the permanent building is completed which isn't expected until around March 2021.



Inside the gym



Teacher's office

## Fact file

<b>Client</b>	Sherburn High School, Leeds
<b>Contact</b>	John Wagstaff, Site Manager
<b>Project</b>	Temporary school gym
<b>Size</b>	15m x 32.5m
<b>Build</b>	5 days - from delivery to fully usable
<b>Panels</b>	40mm micro-rib
<b>Roof</b>	Air inflated
<b>Flooring</b>	Heavy duty floor (with no need for concrete base) with 12mm plywood cover (flooring and markings by specialist supplier)
<b>Notes</b>	Worked with multiple partners



## CASE STUDY

# A temporary school hall for Mount Street Academy



“The whole build took place in our February half-term and was fully operational, electrics and all, within five days”

Mount Street Academy is situated in Lincoln and, at almost 100 years old, occupies a traditional brick building that has, like most older schools, been developed and extended over the years to accommodate the school's changing needs and increasing numbers of pupils. A most recent addition to the school is a temporary building that solves its pressing need for a large, open space to fulfil the school hall function while the existing hall undergoes significant maintenance.

“From the very first phone call we felt completely confident in choosing Smart-Space to help us” explained the school's Site Manager, Andrew Stokes who managed the build logistics with the Staffordshire based supplier. “I can't speak highly enough of Antony Hunt, the MD, who happened to answer my phone call. They do what they say they will, on time and exactly to schedule.”

“We chose the Smart-Space temporary building solution for a number of reasons – obviously price played a part but, more than that, we knew we were in capable hands. We were delighted that the building was delivered in pieces and built on-site as our school is in a residential area with narrow roads full of parked cars and a limited gate width. The whole build took place in our February half-term and was fully operational, electrics and all, within five days.”

Happy to temporarily sacrifice part of the school's playground, the Smart-Space building has blended in very well with no

objections from residents and nothing but praise from school staff, parents and, of course, the pupils themselves. Despite it having no windows it is light, dry and airy – perfect for its many uses: PE lessons, lunchtime dining, school assemblies, parent events and much more.

The alternative options didn't meet all the wish-list criteria specified in terms of the space and height available.



A corner of the light and bright building



The building blends in well with the environment

“We knew we were in capable hands”

They also didn't feel as substantial and secure as the Smart-Space option.

The safety aspects of the temporary hall were very important to Mount Street. "It is an excellent building but there were a couple of safety issues that we didn't anticipate. Thankfully we have managed to navigate them" explained Andrew. "The entrance and fire doors require anchoring whilst the children are entering and leaving the building to avoid the potential for trapped fingers which we organised. This type of issue only came to light as we progressed through the build. Education is a new environment for Smart-Space as, historically, they have installed



The building's safe and tidy electrics enter high up, behind a fenced area.

buildings, workshops, storage bases, showrooms and other applications within a commercial or industrial environment" he explained. "So you can guess that none of us anticipated the opportunity for play equipment to disappear under the small gap between the building and the floor! This is something we have worked around and for which Smart-Space is currently looking to create a longer term solution".

In fact Smart-Space has enjoyed the challenge of working in the education sector and is now designing a cover for the footings of the building so they are protected and hidden.

"The choice to introduce a Smart-Space building has proved to be excellent and we are very proud to be asked to talk about this project"

Andrew Stokes, Site Manager at Mount Street Academy



Talking to Andrew Stokes it became apparent that the Smart-Space positive culture permeated throughout the business as he complimented every member of the team for their enthusiasm and 'can-do' attitude. The Smart-Space build team are employees of the company and not subcontractors which means response times are completely within the company's control and a thorough understanding of the product

shows through. Demonstrably, Smart-Space's investment in the team creates a really positive and efficient result for the client.

It is expected that the temporary school hall will be in use for the next 6-12 months which will allow the school the breathing space it needs to bring the existing hall up to a good enough standard to be brought back into use.



The hall is light, bright and spacious allowing flexible use

## Fact file

<b>Client</b>	<b>Mount Street Academy, Lincoln</b>
<b>Contact</b>	<b>Andrew Stokes, Site Manager</b>
<b>Project</b>	<b>Temporary school hall</b>
<b>Size</b>	<b>10m x 15m (150 sq.m)</b>
<b>Build</b>	<b>5 days - from delivery to fully usable</b>
<b>Heat</b>	<b>When necessary, heated for a short time with fan heaters</b>
<b>Flooring</b>	<b>Sturdy wooden laminate floor provided by the school so it can be relocated afterwards</b>
<b>Site considerations</b>	<b>Slightly sloping, school environment</b>



# Extra classrooms for Kingsbury School



“By building 3 classrooms we were able to create space to introduce a brand new sixth form for the school”

Kingsbury School, Tamworth, needed extra space to accommodate its new sixth form provision. They were looking for something more sustainable and substantial than the hire of prefabricated, mobile classrooms.

A successful tender led to the start of this second project between Smart-Space and Kingsbury School following the successful build of a permanent sports hall a few years before. Smart-Space won the tender by offering a popular and effective solution.

The school opted for a fully insulated, heated, permanent structure which is fully compliant with simplified building energy model (SBEM) calculations.



The new three-classroom building took 15 weeks of on-site construction with minimal disruption to the school. It was designed to include special sustainability features and to accommodate specific classrooms types, including practical subjects - as pictured.



“Sustainability  
was key”



By adding in 3 new classrooms to cover food technology, textiles and psychology lessons, the school was able to admit an initial 35 new sixth form students in its first year. The extra space supported the school's ambition to accept 150 post 16 students.

Simon Cotton, head teacher commented: "Sustainability was a key element of this project so we sought tenders on this basis. Smart-Space came back with a competitive proposal that balanced the use of innovative technology with more conventional approaches to give us a functional and highly efficient building within budget."

Smart-Space introduced many efficient measures that worked in tandem with the school's sustainable objectives. The airsource pump, for example, was powerful enough to heat all three classrooms with the addition of underfloor heating as well. The main benefit of this type of heating is the ability to draw in air from outside and convert it to cold or warm air as required.

The classrooms were also fitted with energy efficient lighting that is a standard feature with a Smart-Space build - however it added to the credentials of an energy efficient building as specified by the school.



#### Sustainability special features include:

- ✓ secondary internal lining with 40mm insulated foam board
- ✓ insulated floor slab
- ✓ underfloor heating
- ✓ primary heating from an air-source heat pump (pictured below)



## CASE STUDY

# A permanent sports hall for Kingsbury School



“We didn’t anticipate the finish that Smart-Space brought to the build: the guys are absolutely fantastic”

Kingsbury School in Tamworth were looking for a building to accommodate their need for a school and community sports facility. Having previously made use of a village amenity, no longer available to them, they were considering all options.

Smart-Space joined the pitch for this project rather late, by which point the headteacher, Simon Cotton, had ruled out a traditional building on the basis of speed and cost and were opting for a temporary structure. Smart-Space were able to persuade the school that they could afford a permanent building.

After submitting 3 different options to the Headteacher and Head of PE, they came to visit Smart-Space to view example buildings. The Head of PE dismissed the temporary building and was instantly committed to the permanent structure.



They were offered a full turnkey package. This included buildings control approval, who would need to see that the ground had been surveyed by an engineer and that the foundation would meet the UK standards for buildings control.

Smart-Space acted as principle contractor for the entire project and managed every phase of the build covering all the CDM



“This is  
a proper  
building”  
Head of PE



(construction design management). This entailed providing everything from the dig-out and base through to handing over the keys as a finished building, ready for use in just a few short weeks.

"This has easily been the easiest building project we have ever been involved with" commented Simon Cotton. "Four months of pure bliss where we just took photos at each stage!"

The sports hall was handed over in a complete, ready-to-use state. Smart-Space had project managed the flooring and fit-out using specialist contractors, both of whom have an established relationship with the Smart-Space team. This kind of rapport and trust between companies means that they work more efficiently and in harmony, all for the client's benefit.

**“ We’d recommend Smart-Space. We’d recommend them because of their honesty and their straight speaking. They are down to earth guys who provided exactly what we were looking for - not what they thought we were looking for. And because they’ve done the job they said they were going to do and as quickly as they said they would ”**

Simon Cotton, Head Teacher



Watch the build and interview [here](#) - less than 4 mins



## CASE STUDY

# A relocatable building for Stratford Padel Club



“Smart-Space took the time to really help us - just at the point that we were about to abandon the project”

Stratford Padel Club in London is home to one of the fastest growing sports in the world. It is owned and managed by Javier Fernandez who is passionate about growing the sport in the UK. Padel, which originated in Mexico, combines tennis and squash and is perfect for all ages and abilities.

Javier chose Stratford in London as the venue for his venture because it is right next to the Olympic stadium and in the thriving, regenerated East London area. It occupies prime space along a busy main road on land previously used for a car park.

Javier went through a lengthy planning process and prolonged negotiations with the local council before his project was given the green light. At the point of abandoning the project, due to the many barriers and complications, Javier found Smart-Space who took the time to visit and find solutions for them. “I chose Smart-Space because they gave me alternatives to several issues where other companies just dismissed us” explained Javier.

A temporary building also ticked all the boxes in terms of space - no supporting pillars to get in the way of the courts - and was an affordable option. It was erected quickly and without any problems. The PVC roof floods the building with light which is perfect for playing and makes it feel airy and spacious. The space is also well lit by bespoke lights that flood each court



The PVC panels and large LED lights create a well-lit environment

from the sides. The club chose not to use the overhead LEDs as the players look up a lot when lobbing the ball and they'd look straight at the lights so side lights were deemed more player-friendly.

To save costs (and learning as they went), Javier and his team got to work installing its 3 padel courts, changing room, showers, toilets, gym, reception/bar and seating area. “Smart-Space even advised us on some of the building work we were undertaking ourselves - they were really helpful” said Javier.

“They even gave advice on some of our building projects”





It is a cold facility as the Smart-Space temporary building is not really designed for constant use by people. However, it's ideal for sports use as the changing rooms and bar areas can be heated in isolation when required. Heating the whole space would be quite expensive but the wall heaters are really effective and can be activated instantly - and players self-heat when they're playing!

The club has an urban atmosphere that lends itself well to the sport, the 'gritty not glitzy' approach to sport and the club's basic, hard-working gym. As a former cross-fit trainer, PT and climber, Javier enjoys all sport and wanted to provide a range of attractions at the club - including table tennis.

Going forward, one of the advantages of the Smart-Space building is that it can be easily relocated so wherever the club goes, the building can go too!



Stratford Padel Club is situated right by the Olympic Stadium in East London - the temporary building is on a busy main road and attracts a lot of attention.



Javier (pictured) and his team built 3 padel courts that are stepped and levelled within the space - with plenty of room for a bar/reception, seating area, changing rooms, toilets, a gym and table tennis area.

Fact file	
Client	Stratford Padel Club
Contact	Javier Fernandez, owner
Project	Sports club
Size	25m x 40m
Walls	40mm composite
Roof	PVC fabric panels
Build	6 days
Heat	Wall heaters when required
Flooring	Concrete base



# Explore our portfolio of pop up classrooms, temporary buildings & sports halls



Space is always at a premium in any educational establishment – whether it's for classroom, workshop or lecture activity; storage, archiving, office space or staffroom facilities or sports hall, gym, dining or assembly space. Now of course there are also the additional practical considerations of social distancing and bubble creations to consider.

Smart-Space has expanded its portfolio of instant buildings to address every need, including its new portable classroom. It's an L2 compliant building that feels incredibly substantial. It was recently described to Smart-Space as "a building with the design properties of a permanent classroom with the functionality of a portable building" which sums it up very well.

The instant classroom is available temporarily or permanently, to hire or buy, it requires no foundations whatsoever and is fully insulated.



EDUCATION

***"We have been installing a range of useful structures of all kinds in schools and colleges for many years now. The same rules apply, whatever the requirement – quality, health and safety, functionality and a swift, efficient build"*** Jason Lynock, Sales Director, Smart-Space



**smart-space.co.uk**  
**01827 330000**







September 27, 2019

## Making space for longer-term plans

*Smart-Space's instant building solutions give schools time to plan new facilities carefully*



Keri Beckingham

Space is valuable in any educational establishment. It's a constant battle of needs versus budget and resources. However, a growing trend in the education sector is the option of installing an instant building to meet immediate needs whilst longer-term plans can be considered. A temporary structure gives schools the time they need to plan properly, without compromising on the space they need.

The speed at which an instant building can be erected is highly attractive as it takes just a few weeks from initial query to becoming fully operational. The actual build can take place within a few days, usually over a school holiday, until it is completely ready – including electrics and flooring.

Midlands-based **Smart-Space** understands the demands of instant buildings in education. "We have been installing temporary structures of all kinds in schools and colleges for many years now," explains managing director Antony Hunt. "The same rules apply whatever the requirement: speed, health and safety, functionality and a swift, efficient build."

***The same rules apply whatever the requirement: speed, health and safety, functionality and a swift, efficient build***

### Sherburn High School

Sherburn High School in Leeds was the victim of an arson attack which cost the school its sports hall. The new temporary solution, which was installed over a few days during the summer holiday, consists of a large gym where indoor high jump, table tennis, gymnastics and PE lessons could all take place.

A large teachers' office and two cavernous changing rooms feed off the main entrance hall. Inside, the building has a sturdy, permanent feel. It is light and airy, and its inflated roof means that it is not susceptible to condensation or damp. "We tend to heat the space if it needs it and then turn it off as it maintains its temperature very well," explains site manager John Wagstaff.

For this project, Smart-Space worked together with a number of agencies, including the school, local council, project managers, specialist flooring contractor and insurance company. This is unusual for Smart-Space, which tends to manage the whole project itself, but the arrangement worked well, and everything ran to schedule.

Sherburn High School also likes to work with UK-based suppliers. Smart-Space ticked the box as it uses British-made components, sourcing everything as locally as possible and employing its own team of people for the build.



A Victorian school  
old building was  
al months.

Completed. It is

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the instant building,

and neat retention) and pitched on a concrete base – with no need for expensive footings.  
If schools or colleges are operating within tight space parameters, it is worth investigating the possibility of a temporary solution. With just a week's notice to dismantle and take it away, it might be just what you need.

W: [www.smart-space.co.uk](http://www.smart-space.co.uk)

## THE BIG SPACE DEBATE

Smart-Space can help schools faced with the challenge of safely accommodating pupils and school staff

**W**ho would be a headteacher or school business manager right now?

Because nowhere is the issue of space being more keenly debated than in the education sector. With schools being encouraged to work towards a staggered return to the classroom, most are faced with the pressing and challenging concern over how to safely and intelligently accommodate pupils, teachers and support staff.

The main crux of the debate seems to centre around the push and pull of whether the 2m social distance should be reduced to allow more pupils to group together or whether to reduce class sizes. Space is a concern that is only new in this specific context as we know that space within schools is always at a premium. We know that there just isn't the availability to conjure up an extra classroom or ten – as they're all already in use.

Paul Whiteman, the general secretary of the NAHT, said: "The availability of school staff, the sheer number of pupils, and the sizes of school classrooms and corridors, combined with the need for social distancing measures, mean that the government's calculations simply don't add up." [The Guardian, 11 May 2020]

However, there's a Midlands based manufacturing and rental company called Smart-Space that works extensively within education, providing additional, sometimes temporary, space for all sorts of reasons.

One such example is a temporary school hall to allow for the major refurbishment of a primary school hall in Lincoln.

They turned to Smart-Space for a temporary replacement which was erected on their playground during half term of last year.

Another school in Leeds suffered an arson attack on its sports hall so they called in Smart-Space for a temporary replacement to be built on one of their car park areas during the summer.

Smart-Space buildings have been used for a number of different educational applications to great effect such as skills rooms, dining halls and even to reorganise a school's layout to allow for a permanent, brand new sixth form centre.

A recent article also covered the issue of the atmosphere and experience for children.

One headteacher commented: "We have to balance that sense of how we can be safe with humanity, otherwise we run the risk of creating schools that horrify children and they never want to walk into them again." [Independent, 14 May 2020].

Clearly, the way the coming months are managed places all sorts of pressures on



“The beauty of what Smart-Space can do is that there is little in the way of preparation needed, especially if you only need the building on a temporary basis”

schools, some of which aren't as obvious to people who aren't immediately faced with the responsibility to manage them.

The beauty of what Smart-Space can do is that there is little in the way of preparation needed, especially if you only need the building on a temporary basis.

We can put everything together very quickly and we can take it away just as soon as you don't need it any more – with no minimum term agreements.

Smart-Space doesn't want to burden any organisation with strict terms and conditions, especially now, when no one knows how this is going to play out in the future.

Imagine a vast space, as large as you need, without any pillars or obstructions. You can zone it, make it multi-purpose, reorganise storage to free up an existing

room – literally anything you need.

It becomes useable space within just a few days – from the basic shell to a fully-finished facility ready for you to use, in a finish to suit you.

Whatever your school needs are, they can make it more bearable, safe and hassle-free.

During lockdown Smart-Space has built a showroom classroom at its central Midlands base which makes it convenient to safely visit and appreciate the substantial nature of the buildings they supply and they also have other reference sites as well which are featured in their case studies.

Smart-Space sources its materials from the UK and their teams of staff are all directly employed so they have been able to continue working 'business as usual'.

W: <https://smart-space.co.uk>



# Why it's important to buy British




**In the building sector, we believe buying British should be at the top of your agenda for many reasons, namely: local loyalty, practicality, legally and most importantly, on-going service and security.**



## Local loyalty

Buying British is the ideal way to support the local economy – its businesses and employees. It encourages home-grown talent and circulates money within the UK and means relationships are likely to be stronger through face-to-face meetings, supplier inspections and deliveries being made directly from the local warehouse or depot with familiar faces all round.

We know all of our suppliers well and most of them are Midlands based, just a few miles away. It means we can supply, deliver and install very quickly indeed. Our supply chain is carefully selected with some partnerships lasting more than 25 years - they also invested in buying British which means we all support each other and prioritise our UK projects.

Our suppliers can be seen in detail  but include:

▼ Norton Industrial Doors	Birmingham
▼ Tamworth Steel Stockholders	Tamworth
▼ Rope Assemblies	Nottingham
▼ Midlands Fixings	Birmingham
▼ Coverworld	Chesterfield
▼ Steadmans	Cumbria
▼ RCT Manufacturing	Halesowen
▼ J&J Carter	Baskingstoke
▼ Sapa Aluminium Bedwas	South Wales



## Practicality

On a practical level, buying an instant building from us means that we hold stocks that can be used and replenished very quickly. Should your building need speedy maintenance then we can deliver direct from our head office stock so there's no waiting. Also, let's factor in the environmental impact of buying from abroad. We literally only buy one product from a very close European supplier as it's not available here in the UK.



## Legally

Did you know that if you invite a company who use sub contracted labour to your site that you are liable for each and every one of them? They become your responsibility as soon as they arrive. Smart-Space directly employs its installation crew so they have the benefit of working together as a seamless, experienced team but also so we are responsible for everyone's health and safety. This means that by working with you we are taking care of everything and not adding to your workload.

We work to British Standards and our health and safety measures are stringently upheld, enabling us to work on some of the most exacting sites UK wide such as petro-chemical and nuclear plants.

*“We went through the airport's rigorous induction process. The team listened, understood, and did everything we asked of them. Packaging was immediately disposed of and they were incredibly tidy and respectful of the environment. The team got on with the job and completed it methodically, clearly showing lots of experience of working together. They moved from one job to the next efficiently and proactively and completed ahead of time”*

[Leeds Bradford Airport]



## On-going service and security

Most important of all... buying or hiring a temporary building is never a one-off transaction. It's inevitable that you will need to call on your supplier to report damage or request a maintenance visit at some point. And as Smart-Space is wholly owned and based here in the UK, we can guarantee to provide the on-going support.

Unlike European companies who seemingly export their buildings and import your money without a thought to the future, you can rely on us to be here for the long-term – guaranteed. We've been established for well over thirty years and have our eyes firmly on the next thirty.

*Buy British – it's so much more than flag waving*

**Contact our sales team**  
**- click the image to access our website**



We are available for a friendly, professional and experienced conversation about your plans for creating extra space.

01827 330000  
07971 542357 (direct to Jason)

  
**smart-space.co.uk**

