

A Technology Enabled School

A Visual Tour

Introduction

This brochure aims to take you on a journey through today's modern school and show how technology can enhance the 21st century learning environment.

With such rapid technological change, schools are having to increasingly adapt the way they teach, manage and operate an efficient and effective learning organisation. The way in which the next generation consumes information outside of the school gates has also radically evolved, and therefore the methods of transferring information and knowledge to learners must also change.

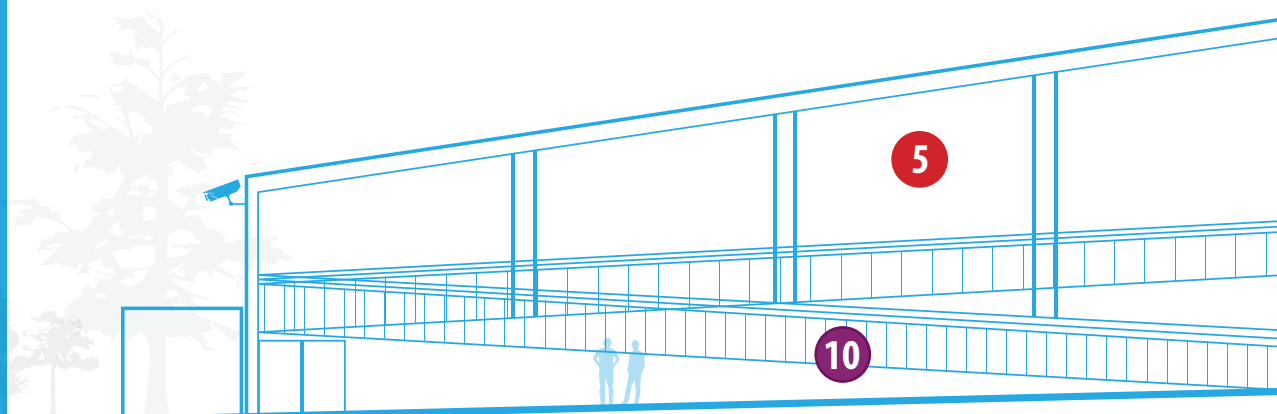
Understanding how new technologies will impact your school and choosing which products and solutions will best deliver an outstanding education to your students, within a limited budget, is no easy task.

From the school gate, to the classroom, to the home, we are here to guide you on the journey to excellence.



In any school, there will always be common technical issues which affect staff and students. Our ICT Managed Services package ensures these issues do not distract from the everyday delivery of teaching and learning.

You teach, we facilitate,



they learn

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Reception

First impressions are important. How the school first presents itself, both physically and online, will therefore significantly impact the perception of parents, staff and Ofsted. You can improve this perception by having an engaging, informative and compliant website, a social media strategy that speaks directly to parents/guardians and other stakeholders, and mobile applications that make it easier for everyone to understand the school ethos.

Your reception is usually the first area that visitors will experience. Technology can help to ensure that this space is inviting and impressive, embodies the ethos of the school, and allows visitors to gain a better understanding of the school environment. As well as having a well-designed prospectus, digital signage is a great way to communicate interesting information around activities like after-school clubs, wrap-around care and upcoming events, making sure that time waiting in reception is well spent.

PCs | Desktop

Printer | MFD | Scanner

Technology plays a significant role in allowing school administrators to work more efficiently and effectively. Implementing a user-friendly solution that meets their needs will equip staff to better reach out to external stakeholders, and free up significant time to be better spent supporting the teaching faculty and the children.

Digital Signage

Content Management

Website Design

Signing in System

Prospectus Design



Admin has had a hard drive failure and needs to get the reports sent to the Headteacher tomorrow

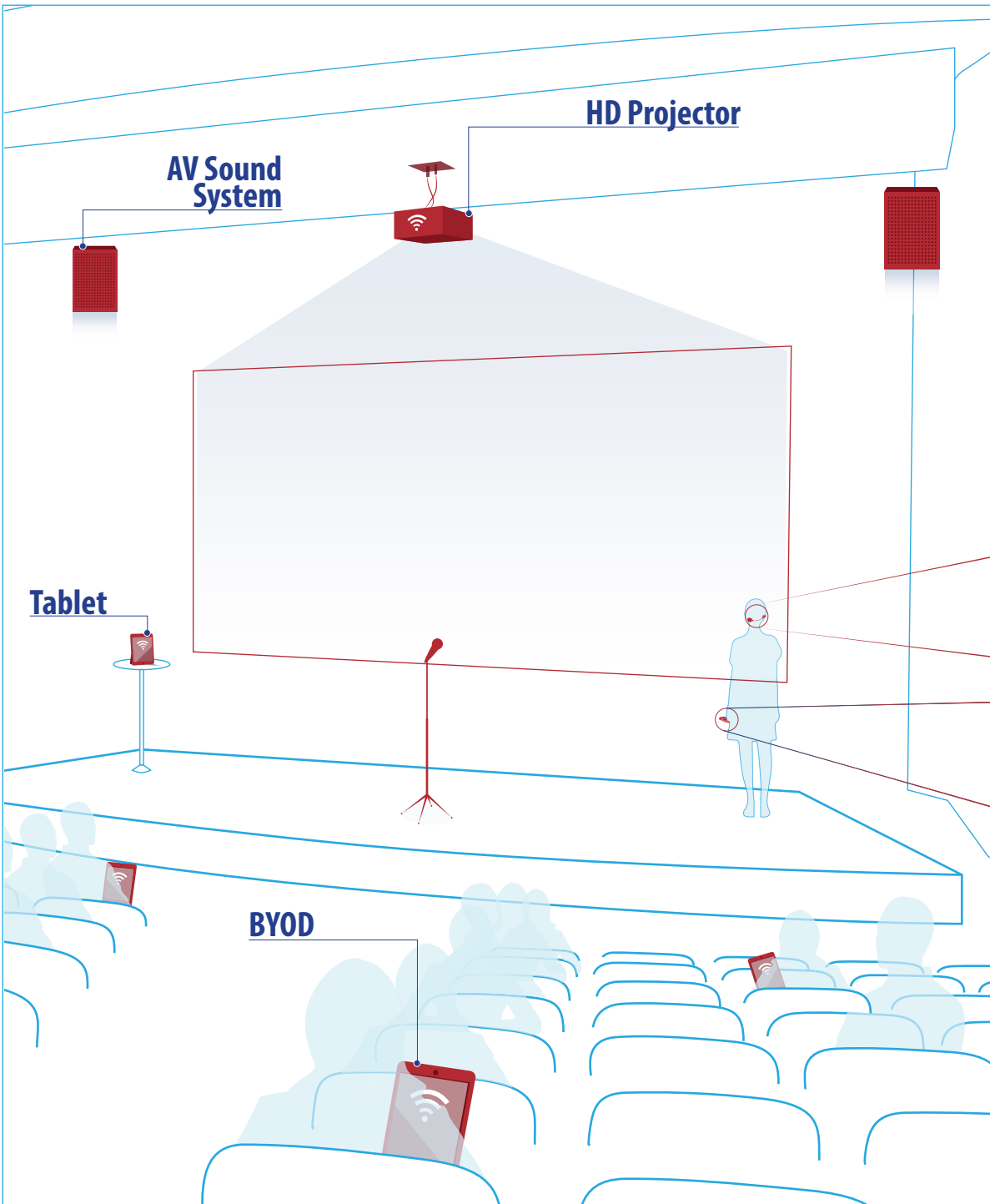


Digital Signage has stopped working

School Hall

Whether you are preparing for an assembly, a teacher training session or the Christmas Nativity play, the last thing you want to worry about is whether the technology will work. Partnership Education understands these concerns.

Our Multimedia specialists offer advice on the latest in Audio Visual technology, procure and install it, and teach your staff to use it. This gives you the confidence that no event will be hampered by poor sound or image quality or by a lack of training or understanding. Your pupils get the benefit of state-of-the-art technology that aids their learning, and you can focus on what's important.

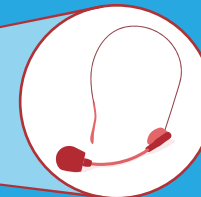


AV Sound System

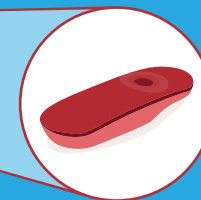
HD Projector

Tablet

BYOD



Wireless Headset Microphone



Infrared Slide Remote

Classroom

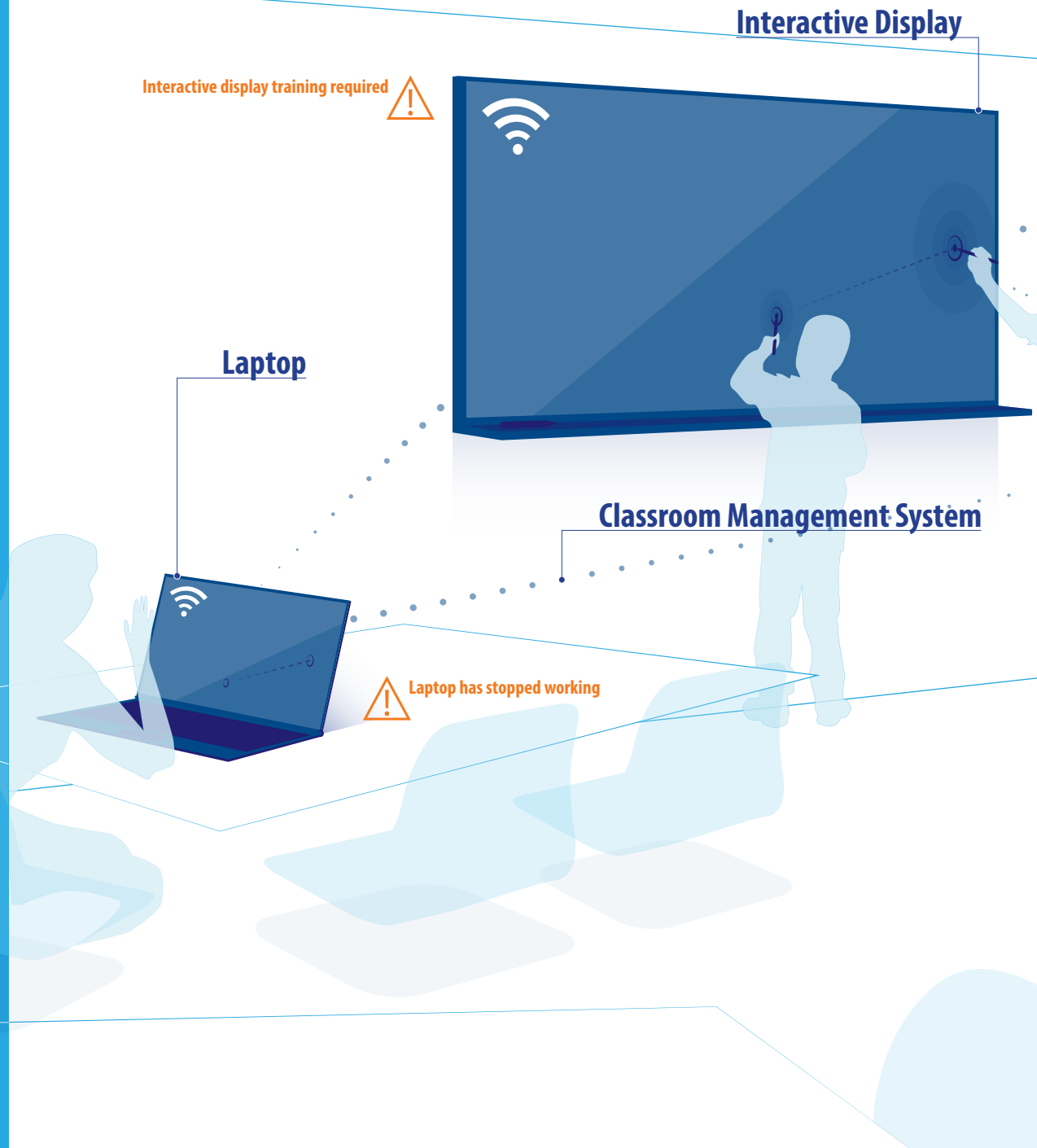
The most important room in any school is where the majority of learning happens. The way that the next generation accesses and consumes information has changed at an exponential rate over the past ten years and is directly impacting the way they learn, or expect to learn, in the classroom.

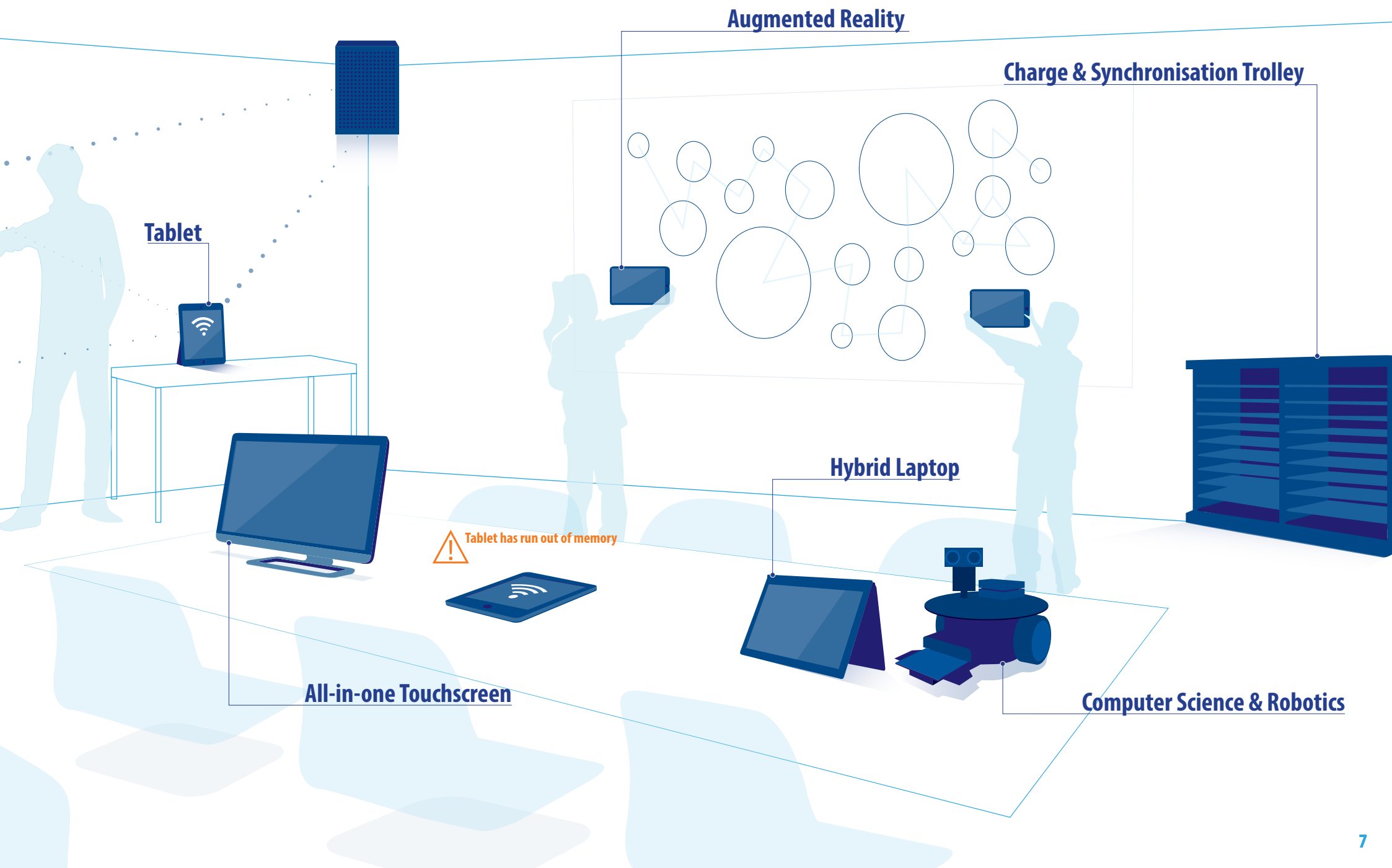
This affects the teaching of every subject, particularly computing, where evolving learning requirements in the curriculum need to also be considered. Devising inspiring activities that teach coding to young people and creating lesson plans that not only meet the required learning objectives, but allow pupils to be creative with code, automate physical systems and writing meaningful programmes, can seem daunting to even the most technically competent teacher.

Therefore, it can be a significant challenge to make cost-effective investment decisions on classroom technology that practically supports new ways of learning in a way that is easily understood by the teaching faculty.

As education and technology specialists, we understand how technology underpins and enhances the learning environment, in terms of engagement, facilitation and motivation. We can take the headache of choosing the right technology away from you and your teachers now, and in the future, by ensuring that the foundations you put in place cater for the technological changes that will impact the classroom in years to come.

The biggest barrier to realising tangible benefits from technology investment for pupils is the capacity of teachers to feel engaged with the IT at their disposal. We understand how to foster a culture of understanding when training staff on how to use the technology. We help them to feel comfortable with the changes to their teaching brought about by the new classroom innovations and to overcome their reservations.



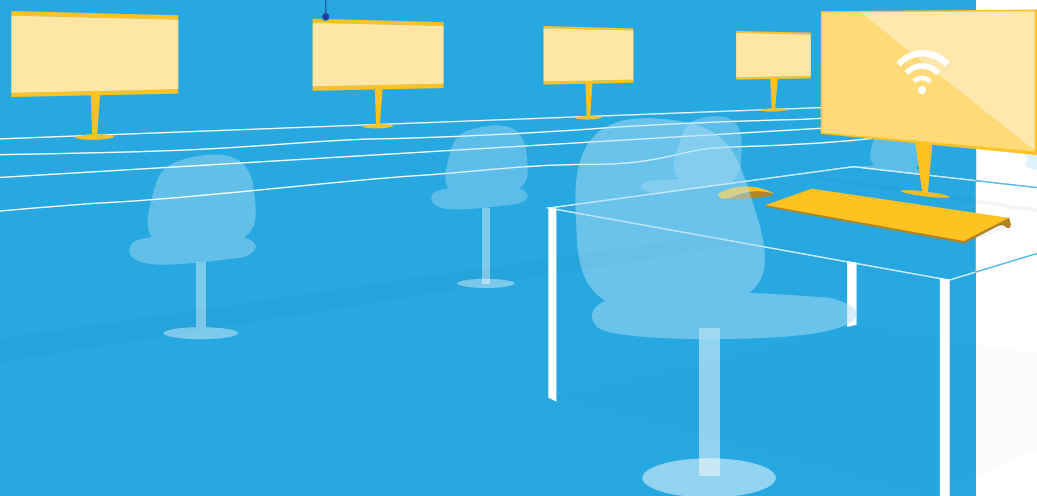


ICT Suite

Many schools face the 'ICT Suite' dilemma; should they have a dedicated room that truly showcases what can be done with ICT, or do they look to immerse the technology throughout their classrooms? No one size fits all.

Partnership Education can guide you when it comes to procuring the right solution for your school. Our expertise in integrated systems, classroom management software and end-user devices capable of performing the curriculum tasks required for the relevant key stage means that whatever your decision, we can make the chosen solution meet your needs and exceed your expectations.

Online Examinations

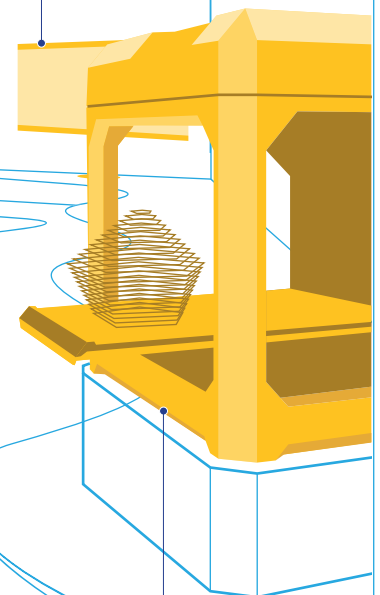


HD Projector

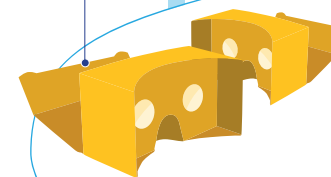


PCs | Desktop

Email
Licensing
Software



Virtual Reality



3D Printing & Rapid Prototyping



Internal Server connection issues



PC and Projector connection lost



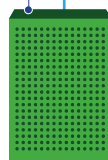
Wifi connection lost

Music Room

The way that music is composed, recorded, edited, mastered and packaged has become increasingly computational for both classical and digital music production. Ensuring that your students are using industry-recognised techniques requires a level of investment in technology, systems and specialist music software, as well as allowing students to play back their compositions in real time via a professional sound system with the full spectrum of frequencies.

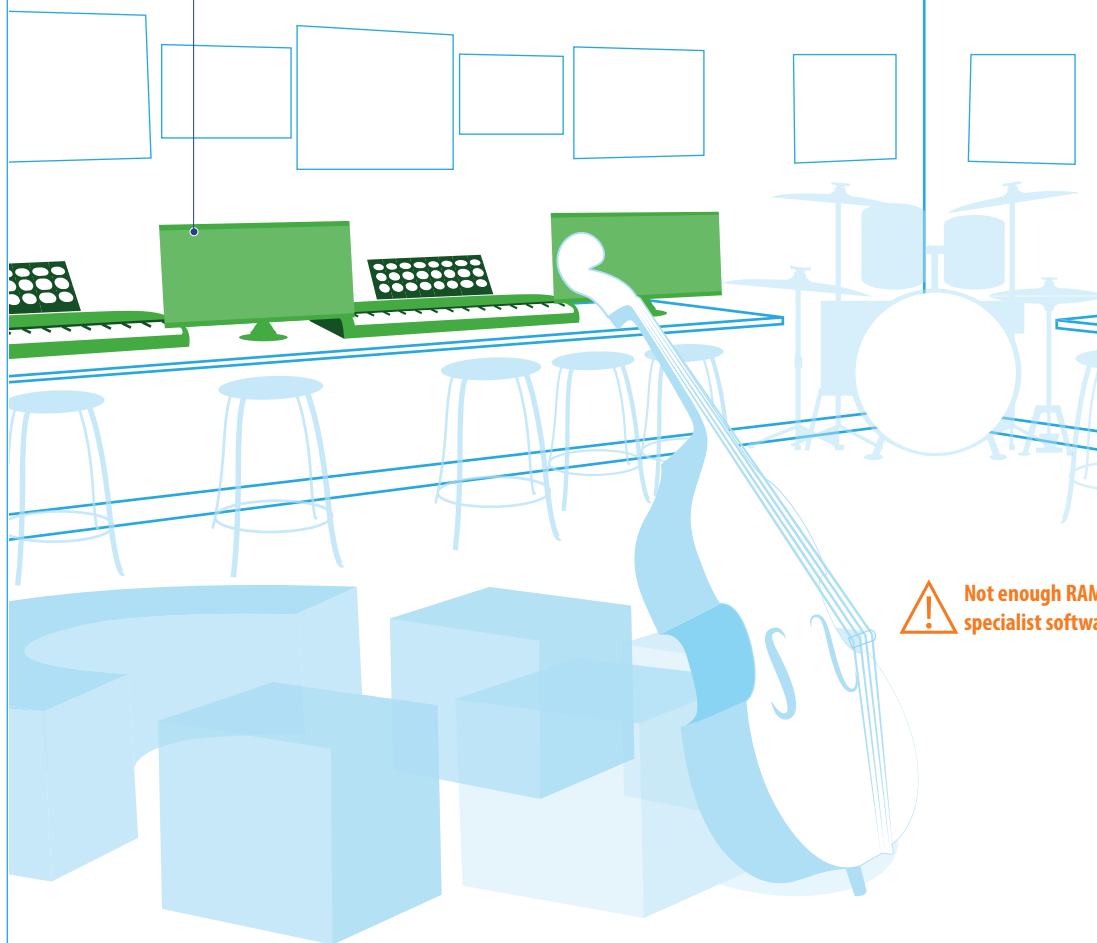
Partnership Education and our Audio Visual Specialist colleagues at PTS Consulting have allowed schools across the country to benefit from Integrated Audio Visual systems within their music classrooms. We can make sure that you do too.

AV Sound System



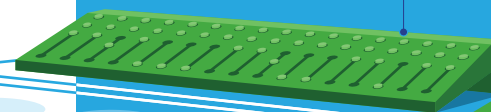
Stereo Playback Issues

Specialist Software Deployment

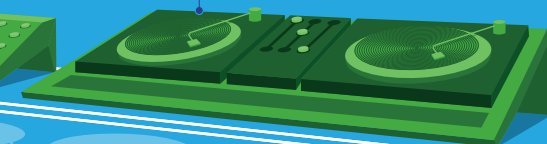


Not enough RAM to run specialist software

Mixing Desk



Turntables



Canteen

Technology permeates all areas of a school building. Cashless catering provides a wide range of well-established benefits, saving the school time and money and making life easier for parents and pupils.

A true Bring Your Own Device (BYOD) policy can enable pupils to access their school files and go online to prepare for the next lesson safely and under the governance of the school. In short, technology truly extends the learning environment.

Wireless



Wristband identification

Digital Signage

MENU

MENU

BYOD

BYOD

Cashless Catering



BYOD Wireless intermittent

Server Room

The technology in a school is only as valuable as its underlying infrastructure. Whilst not the most exciting room in the building, the server room is what enables all of the technology to perform to its full potential and deliver the value that you expect from it. We work with schools across the country to make sure that this room is not overlooked, making it secure, resilient, optimised for your technology needs, and future-proofed.

Our services include: -

Data storage

Deployment Tools

Switching

Internet filtering and e-Safety

Centralised anti-virus management

Cloud-based or on-premise e-mail

Hosting of MIS and Finance packages

Physical Security – CCTV and door access systems

Power Management tools

Proactive monitoring and system performance reporting

Networking of passive infrastructure

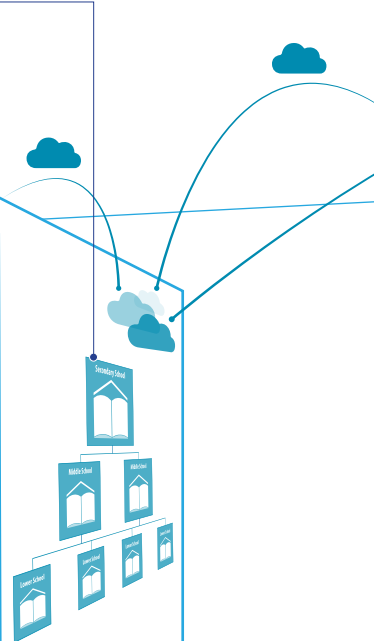
Virtualised server environments

On and off-site back up and disaster recovery

Asset Management

Threat, Vulnerability & Risk Assessment

Multi Academy Trust Wide Area Network



 **Disk failure in server**

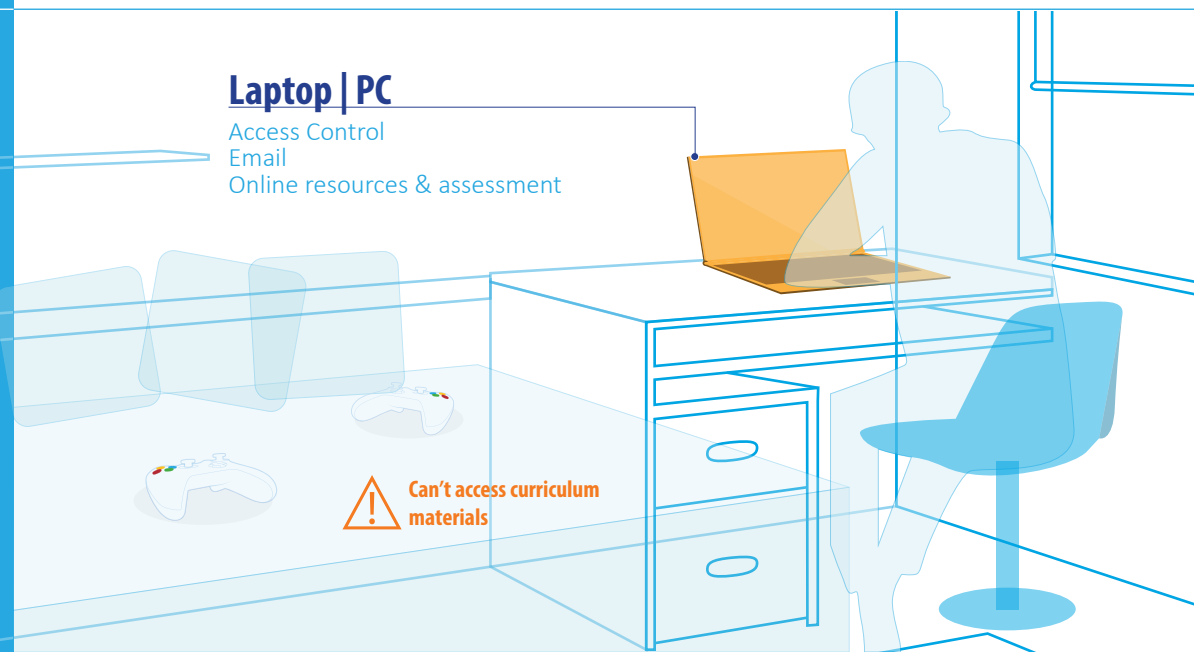
 **Internet Outage**

 **Back-up failure**

Student working from home

Now more than ever, learning extends beyond the school gates. Pupils are now able to access all of the school information they need from wherever they may be, making homework just that little bit easier to complete.

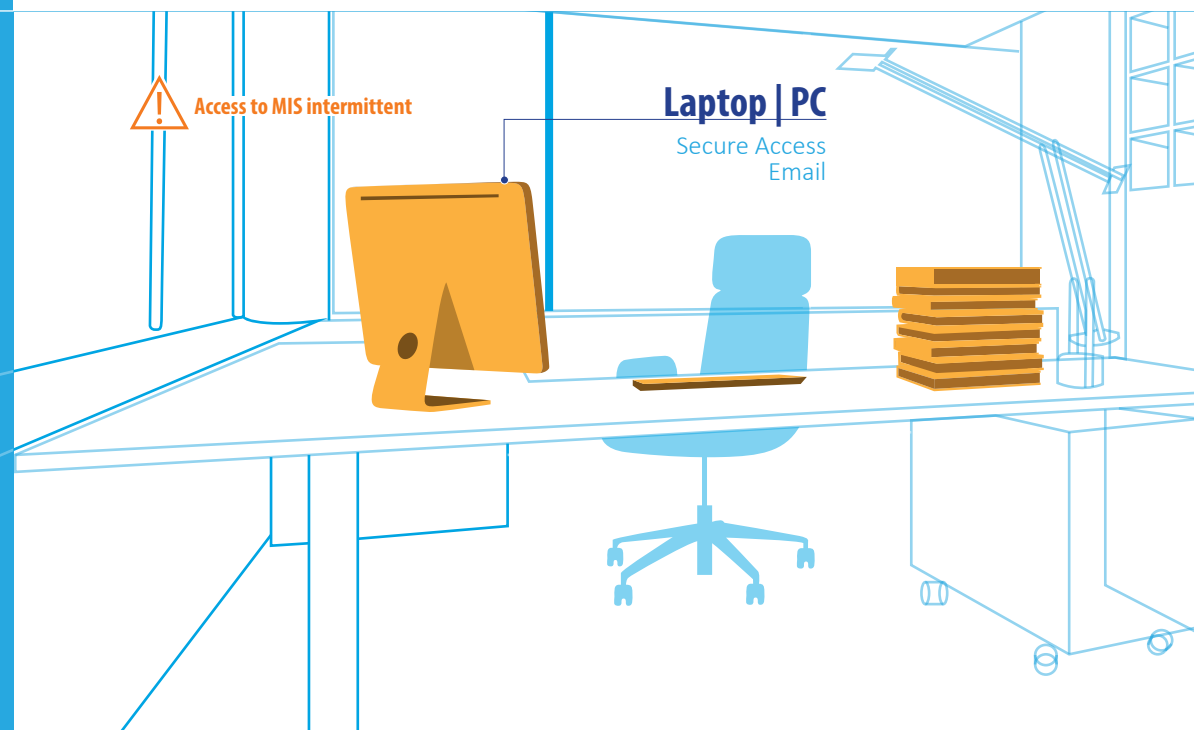
Improving teachers' ability to give remote feedback to pupils makes it easier to reach out to students, and advances in adaptive learning and online gamification look likely to bring about "flipping the classroom" pedagogies, whereby pupils increase their capacity to learn at home and apply their learning at school. Whilst nothing replaces face-to-face learning, teachers are not superhuman, and these technologies supplement your pupils' capacity to improve their knowledge and understanding independently and aligned to the curriculum.



Teacher working from home

We all know that a significant amount of work done by teachers happens outside of school hours, at home. Technology that allows access to school files from home can make out-of-hours work such as marking and preparing lessons easier and quicker for your teachers.

Technology also enables flexible working and communication for staff. School administrators who can securely access their finance and management information systems from home experience a better work-life balance, and teachers on sick leave are able to easily share their lesson planning with supply teachers.



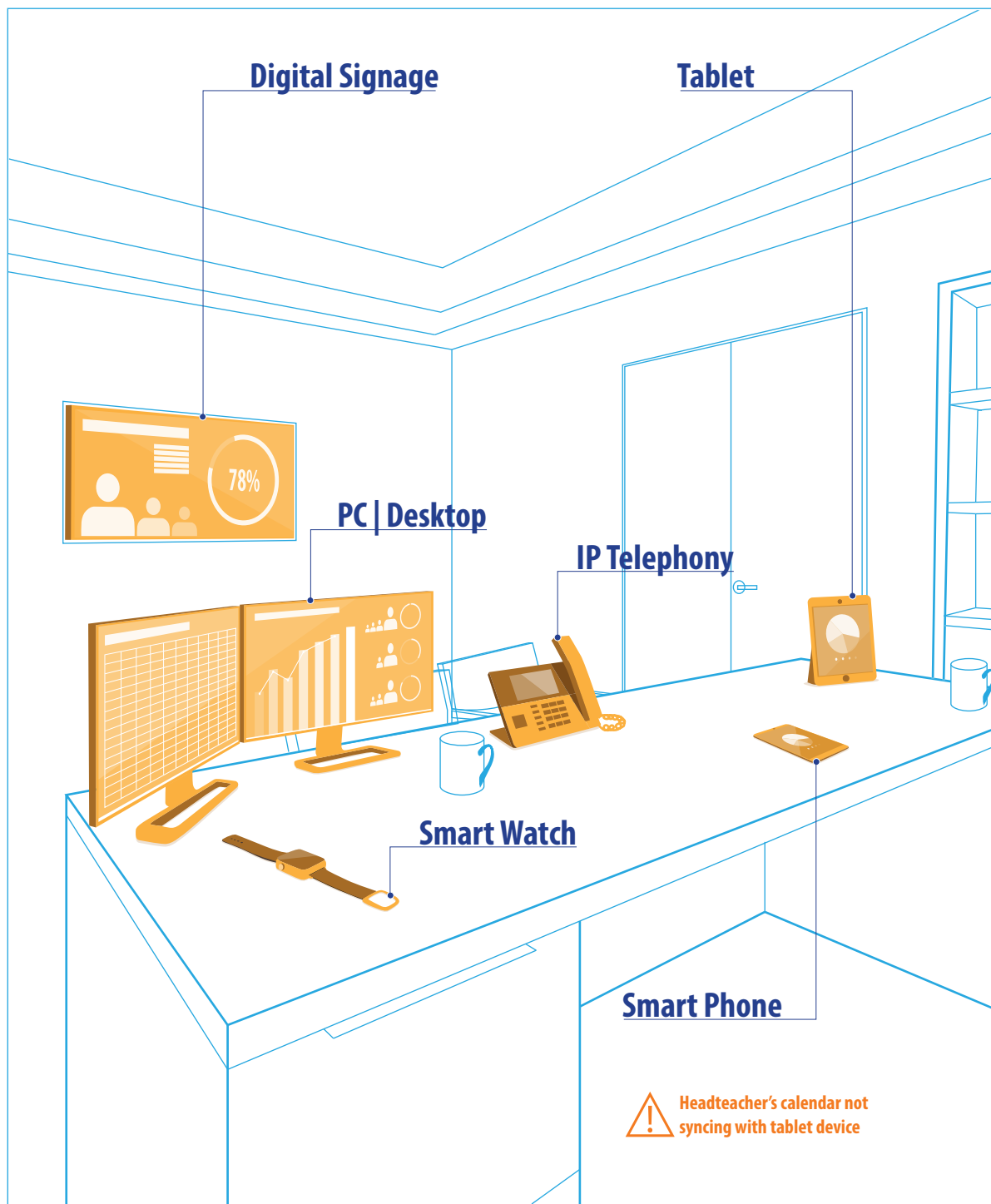
Senior Leadership Office

Technology doesn't just improve the learning experience, make teaching activities more efficient and effective and trigger significant cost savings; it can prove this to the Senior Leadership Team (SLT) through tangible metrics.

Data captured around pupil progression and teacher performance can be assimilated and presented back to the management team to reliably monitor the success of the school on an ongoing basis.

Imbuing the school building with intelligence – things such as print, power or behaviour management systems – underpinned by site-wide software licensing, offers the SLT a real-time view of the cost savings across the school, for example, by:

- | Empowering the SLT with accurate data, allowing them make informed decisions.
- | Optimising the way teachers gather, record and analyse evidence of work.
- | An understanding of what devices are used for and how often, allowing you to ensure maximum value for money from your assets.



The Whole Experience





Technology is no replacement for outstanding teaching. But with ever-increasing pressures on teachers to do more with less, anything that can reduce the time spent on administrative tasks, improve the impact of teaching methods, or better identify ways to engage with pupils, will offer huge value to any school.

Partnership Education specialises in ensuring that the learning experience throughout and beyond the school is enhanced through technology now and in the future. We can do this by being an education company with a technology specialism, and not the other way around. We recognise that technology needs to be immersed with the current environment as seamlessly as possible, so that teachers and other school staff are empowered to work better.

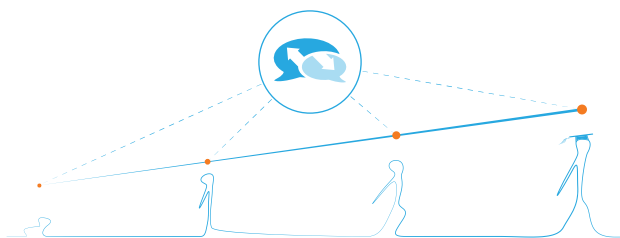


No matter how much investment you make in technology, there will always be daily break-fix issues that require technical assistance. It is important to put a value on the hidden impact of not starting a lesson on time, pupil distraction and time wasted by staff. Partnership Education can ensure these issues are dealt with quickly and efficiently with our ICT Managed Service packages, described on page 18.

How Partnership Education Can Help

ICT Advisory

As specialists in education, we understand the need for technology to enhance the learning environment and support the development of young people.



We see our role as a strategic partner to the school, acting as a critical friend and providing independent and informed advice on how to best meet the aims and objectives of your school. Our solutions take a pragmatic approach based on industry best practice, and by only recommending solutions that are cost-effective, we deliver true value for money.

We will also work with you to devise processes and procedures to ensure accountability, escalation and visibility for management to aid decision making.

You will be provided with a dedicated Account Manager who you can contact for any strategic issues, and who can provide advice and guidance on procurement, e-Safety, infrastructure and networking and the general efficient delivery and continuity of the school ICT service.

ICT Strategy

The planning, development and implementation of a long-term ICT strategy will be devised within the first three months of the contract acceptance with Senior Leaders and Governors. This will draw on current industry experience, and will ensure that new technologies are utilised to stimulate positive developments in teaching and learning methods. PEL will seek to develop a strategy and delivery plan for enhancing school wide systems and supporting a long term ICT procurement strategy whilst integrating and rationalising current IT resources.

The ICT Strategy will continue as an ongoing development subject to educational, governmental, social and technological changes, recognising the increasing drift from a physical to a virtual learning environment. PEL will provide research intelligence into best practice developments identified nationally and internationally as relevant to the educational aspirations.

Your dedicated Account Manager will contribute to senior management meetings with regards to the high level ICT strategy and any implications for staff, resources and technology, providing balanced advice to ensure that the schools ICT vision is being followed. We can also work with the school with devise a change management system to maintain the layers of procedure that underpin the schools reporting process.

ICT Procurement

Our experience in procuring hardware for over 100 schools in the Three Counties allows us to maintain an efficient and cost-effective procurement process, as well as add value to the Supplier Management process, guaranteeing value for money from third party suppliers. Partnership Education Ltd, with our Parent Company, PTS Consulting Group Ltd, procures over £250m of IT goods and services each year, enabling us to negotiate some of the best discounts available in the marketplace for our schools.

We have channel partners as detailed above who provide competitive costs directly from manufacturers. We continually conduct supply reviews of our long-term relationships to ensure that the best rates are passed on to our schools. In addition, as a group, we employ over 350 Consultants who are aware of the latest market rates available across all sectors, globally.

We have a proven ability to effectively design services that involve external parties and suppliers and manage and achieve agreed availability requirements contained in Service Level Agreements. The appropriate technology will only be recommended where impact on teaching, learning or administrative efficiency are improved, and where costs provide maximum value for the school based on evidence.

Tablets

We have experience in large deployments of tablet devices including iPads, Android devices, hybrid devices and Chromebooks. We can utilise MDM tools to streamline the management of such devices and provide a consistent tablet environment and rapid deployment across the school.

Email

PEL can offer both onsite and cloud-based e-mail system support. We are experienced in dealing with the daily administration of e-mail systems and have a strong track record of migration and deployment of services. Cloud-based e-mails are becoming more popular with our schools and we have recently been tasked with migrating schools to both Office 365 and Google Apps for Education.

Security

As we specialise in education, we understand that school data is a sensitive issue. Our technicians can support any encryption technologies and suggest new technologies or services if required.

Using its experience, Partnership Education will develop suitable approaches, guidelines, procedures and policies related to information collation, analysis, reporting and security. We have vast experience in ensuring safe browsing for children through filtering and firewall configuration. We can also provide support to schools for ensuring that pupils do not come across any material which may encourage radical views or extremism.

Funding and Finances

Our team can advise the school on buildings and ICT decisions made regarding the capital funding envelope, refurbishment plans, availability of an environmental improvements grant, short and long-term operational leases and an approach to timetabling for the provision of ICT.

We will aim to provide support on how the development of ICT will impact the financial decision making processes within the school. We will aim to have a representative on the relevant Finance Sub-Committee meetings to add our insights into:

- | Matching quality of service to perceived academic value
- | Providing alternative pricing models that align with the overall aims of the school
- | Prioritising work according to its value, whilst making the best use of limited IT resources
- | The Total Cost of Ownership for previous years' ICT expenditure
- | Reducing the cost of consumables by investigating the migration from projectors requiring bulbs to touch screen panels
- | Volume licensing, image deployment services and technical support arrangements
- | Analysing existing print strategies and exploring whether a managed print service could reduce longer term costs

Why Partnership Education?

As a trusted advisor to the education community and public sector, Partnership Education has the proven ability to deliver outstanding services to schools and colleges. Here are some reasons why our customers choose us:

- | Subject Matter Expertise in Education
- | A personal, friendly service with a dedicated Account Manager and Technician
- | Extensive and holistic strategy, policy, process and governance expertise and experience
- | Trusted Partner reputation – independent advice without conflicts of interest
- | An understanding, from a school and Local Authority background, of how to manage schools
- | In-house, experienced technical resources
- | A track record of delivering well-balanced recommendations incorporating advanced technical specifications with education-focused outcomes
- | A company ethos driven by the positive learning outcomes for the pupils and students; we are primarily Educationalists working in Technology and not vice-versa
- | Our offer of Work Experience, Apprenticeship Schemes and Careers guidance to all of our schools

Managed Services

Partnership Education Ltd delivers ICT Support and Procurement Services to a wide range of schools across the UK, providing Technical, AV, Training and Consultancy expertise to education establishments of all phases. We have delivered over 50 new Academy, Free School and UTC projects, many with demanding timescales and high expectations.

Partnership Education Ltd is part of the PTS Consulting Group (PTS). PTS can demonstrate a proven 30-year track record of independence, innovation and delivering to expectation. As an ISO9001-accredited organisation and an 'Investor in People', we ensure that our solutions meet the highest quality standards and are delivered by a team with the right skills and support.



ISO9001 Accredited Quality Approach

PEL has a documented Quality Management System which is accredited to ISO9001:2008. The Quality Management System is encapsulated within PEL's Quality Manual and Operating Procedures (available upon request).

Our onsite Support Service gives you an annual support contract for advice, network and desktop support. Issues can be logged to our centralised helpdesk via phone, online portal or e-mail and then

resolved by the right person with the right expertise. We conduct periodic reviews of critical systems to ensure the consistency of ICT services across the school. This helps to identify any potential issues or required updates and allows our team to assess any scheduled maintenance requirements.

You will always have a dedicated engineer on the end of the phone for all IT-related issues. A helpdesk analysis from either the school-based IT helpdesk or the ITIL-aligned centralised helpdesk system is included as standard with all of our support contracts.

Day Technician Service	The PEL Day Technician Service ensures that you have regular visits by a technician who will carry out all the routine maintenance tasks that your staff do not have time to do. This can be weekly, monthly or termly, at varying levels of competency, and is one of our most popular services.
Service Card	Service card is our break-fix support contract, managed by our Centralised Service Desk. We will track, manage and report all incidents raised by users, and maintain a database of all incidents reported for future analysis. The service includes remote assistance and onsite visits where appropriate to agreed SLAs, and a long term ICT vision from a dedicated Account Manager.
'Flexi'	The 'Flexi' package consist of a purchased block of time to draw down from, and any ICT resource will be taken from this pre-paid pool of time. This includes onsite support for ICT faults where remote diagnosis and telephone support cannot resolve the issue.
Pay-as-you-go	Schools not under one of our comprehensive contracts can still benefit from our services on an ad-hoc basis. Our Technicians can perform break-fix and diagnostic tasks based on an hourly rate or fixed project cost.
Remote Support	PEL can provide remote assistance, sharing control of users' computers with a technical expert over the network or Internet connection, to help resolve ICT user and network issues. This can be via telephone support or using our Remote Diagnosis toolkit.
Technology Installation	If you have a specific project in mind, PEL can provide resource to install, deploy and configure a range of technologies. Our team can provide fully project-managed installations or additional resource to aid internal school projects. Whether the task is large or small, our team will work to agreed outcomes and fully test and document equipment on completion.
Fully Outsourced ICT Managed Service	We offer a fully outsourced managed service which consists of a blend of the above services. We devise a bespoke service that meets your school's needs and allows you to focus on teaching and learning while we manage all things ICT.

Why Schools Choose Us

Educational Experience

Partnership Education, as a member of PTS Consulting Group, has been supporting education establishments – Higher Education, Further Education, Schools, Academies and University Technology Colleges (UTCs) – with ‘IT in Construction’ and technology expertise for over 30 years. We have worked with over 110 universities in the UK, including Cambridge and Durham, and other centres of excellence and international schools across the world.

Integration of IT and Audio Visual

It is essential to draw on a wide range of skills, from the more ‘traditional’ Audio Visual areas, where an implicit understanding of human perception underpins the design of displays and audio systems solutions, through to complex, network based collaboration solutions. Multimedia technology is in many ways an extension of pure IT technology, with the emphasis being on accessible communications – in all of its forms. The use of IT platforms, and in particular IP as a transport layer, is absolutely routine and an essential technique for ensuring the best possible access to content. Areas such as latency, encoding delays, network delays, packet loss and jitter can all cause poor performance issues – both on and off network. PEL has the technical expertise in both conventional and network-based platforms to ensure that we are able to foresee and design around potential issues.

What our Schools say

“

Partnership Education understood our requirements and procured a fit-for-purpose ICT solution, including Microsoft Licensing for server, desktops and laptops, together with Apple Macs to facilitate music technology courses. This equipment was installed by Partnership Education’s qualified engineers in a professional manner, getting us ready for our business operations. PEL now supports all of our infrastructure and we can say its support has been immediate and has fully met our expectations. ”

Steve Williams | **Head of Education and Inclusion**

“

During our computer suite upgrade PEL provided us with an excellent, value for money service. Their technical knowledge and expertise, especially within an educational environment, was invaluable... ”

Jennie Churchill | **ICT Technician**

“

Partnership Education understood our requirements and designed a fit-for-purpose ICT solution, including new furniture, PCs and server. Good friendly advice was given on room layout. The equipment was installed by Partnership Education’s qualified engineers in a professional manner, making sure the room was up and running for the start of the new school year. ”

Susan Nolan | **Headteacher**

“

PEL successfully implemented the refresh of our Music Technology suite with suitable technology and accomplished that with very challenging timescales and within budget... ”

Chris Earp | **BEMAT IT Strategic Operations Manager**

“

We are delighted with the technology in our new classroom. Training and support has been consistent, effective and supportive. As with all technology, follow-up support whilst required has been rapid and effective... ”

Joseph Piatczanyn | **Assistant Headteacher**

“

PEL were excellent. Our website was designed specifically to our needs and is now much easier to update. The mobile application is straightforward to use and allows us to communicate to parents on a regular basis via the content management system. ”

Kim Brewer | **Headteacher**

“

PEL understood our requirements and designed a network infrastructure that not only catered for our existing needs but also ensured it was future -proof. We now have full network maps and documentation which we have never had before so we have a greater understanding of how our network is joined together. ”

Simon Thomas | **ICT Co-Ordinator**



Partnership Education

www.partnership-education.com

The Innovation Centre | Cranfield | Bedford | MK43 0BT

Email: contactus@partnership-education.com

Sales: 01234 436156

Service Desk: 01234 798212

