

PTS



SMART CAMPUS CONSULTING: HIGHER AND FURTHER EDUCATION

Service Overview

PTS guides Universities and Colleges in their Smart Campus/Intelligent Buildings aspirations. Specialist knowledge includes Space Utilisation, Energy/Sustainability, Sensors/IoT, BMS, AI/LLM integration, Connectivity, Data Management, Digital Twins, Cloud, VR/AR and building design integration. Services include strategy development, scenario mapping, benefits articulation, stakeholder engagement, maturity assessment, occupancy studies, design, procurement, project management.

Service Features

- Complete overview of the Smart Campus/Building Landscape
- Smart Playbook development: 'Day-in-the-life' user scenario mapping
- Strategy development: establishing Vision, Principles and Roadmap
- Stakeholder Engagement: IT, Estates/Facilities, Management, Comms, Security, Staff/Students, HR, SU
- Feasibility Studies/Business Case Development to articulate benefits and ROI
- Innovation workshops to explain latest smart/technology trends
- PTS SmartScale: Gap analysis between current state and the vision
- Team-based approach; appropriate levels of resource for specific tasks
- Migration planning for of smart systems into existing cloud/hosting environment
- RIBA-aligned services for Capital Developments

Service Benefits

- Our demonstrable Education experience helps realise desired outcomes
- Comprehensive insight into smart technology, market, sector and organisational trends
- Vendor independent consulting ensures appropriate solutions for the client's needs
- Expertise and Methodologies underpinned by 43+ years of best practice
- Guidance for Estates Masterplans, Capital Projects and IT Strategies/Designs
- Ability to engage PTS stage-by-stage or across the full lifecycle
- Delivered by experienced consultants, supported by team of 50+ SMEs
- Scalability for size and complexity of any programme or project
- Full communication, engagement and buy-in from key stakeholders
- Ownership: Commitment to deliver and to embrace accountability

Methodology

1. Articulate the vision statement

We work with senior stakeholders to develop a smart vision to support the institution's strategy

3. Conduct a Smart Maturity assessment

We analyse current level of smart readiness of the institution compared to the stated vision; this means looking at the operating model, technology and infrastructure, culture and budgeting

5. Build a long-term roadmap

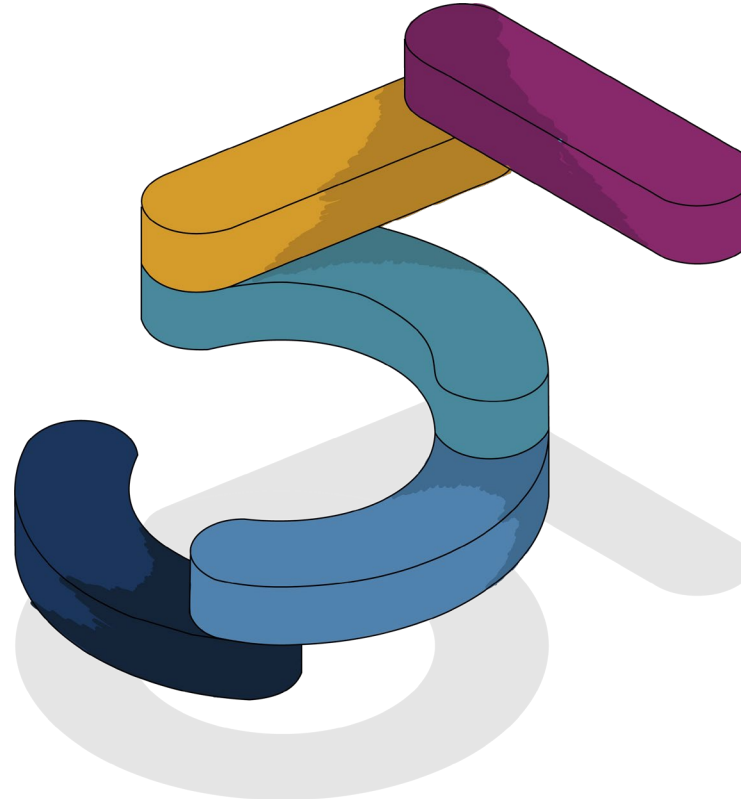
We develop a plan of action aligned to any upcoming capital developments or digital initiatives, ensuring that roles and responsibilities are defined, enabling the institution to forecast and futureproof the estate.

2. Imagine user scenarios

We explore different scenarios of smart in action, tailored to the institution; it helps encourage imaginative thinking and makes sure that it's being done for the right reasons

4. Prioritise smart investments

We evaluate the full range of potential projects, initiatives and investments in technology, infrastructure, space and people, and prioritise them based on the institution's objectives and current state, including ROI analysis.



About PTS

PTS is an independent technology consultancy that help clients to:

- transform and manage their technical infrastructure in a cloud environment to deliver excellent digital services
- align their digital and estates strategies to deliver excellent hybrid user experiences

Our areas of expertise include:

- Smart Campus/Buildings
- Audio Visual & Collaboration Technologies: unified communications, meeting room technologies, digital signage, teaching and learning space technology (including lecture capture), etc.
- Network infrastructure: Local & Wide Area Networks, Wi-Fi, private mobile radio and newer forms of connectivity such as 5G, LoRaWan and Bluetooth
- Cloud & Data Centre infrastructure
- Security: cyber security, identity & access management, physical security
- Physical (passive) IT: structured ICT cabling, equipment room spaces, etc.

PTS has worked with over 115 Higher Education Institutions within the UK across all of the above services and disciplines, as well as across the public sector (including 47 NHS Trusts and Healthcare Organisations, 44 Councils and dozens of central government agencies) and the private sector (including technology & media, finance, legal and entertainment).

PTS