

PTS



**CLOUD, DATA CENTRE, HOSTING AND
INFRASTRUCTURE CONSULTANCY &
PROJECT MANAGEMENT SUPPORT**

Service Overview

PTS offers Cloud, Data Centre and Infrastructure consulting and design expertise to help organisations transform their hosting model and operations. Services include strategy and vision development of cloud and hybrid cloud hosting, procurement/supplier evaluation and migration implementation management. Specialist knowledge around as-a-Service, Hyperconvergence, Virtualisation, High-Performance Computing, and Infrastructure as Code.

Service Features

- Vendor-independent advice with no conflicts of interest with suppliers
- Holistic consultancy: recommendations based on understanding the wider technology ecosystem
- Team-based approach: appropriate levels of resource for specific tasks
- Collaborative approach: outcomes delivered based on considered stakeholder consultation
- Ability to engage PTS stage-by-stage or across the full lifecycle
- Delivered by experienced consultants, supported by team of 50+ SMEs
- Expertise and Methodologies underpinned by 43+ years of best practice
- Feasibility Studies and Business Case Development to aid decision-making
- Expertise around Research, Academic, Governmental, Residential-specific needs

Service Benefits

- Outcomes are innovative, productive, cost-effective, feasible and practical to operate
- Deliverables created in optimal timescales hard to achieve internally
- Solutions developed based on comprehensive in-sector analysis and benchmarking
- Enhanced solutions based on learning and developments in private sector
- Risk mitigation by bringing in independent expert to make recommendations
- Significantly improving knowledge and understanding of internal staff
- Value-for-money at procurement with additional scrutiny of suppliers' commercial responses
- Longer-lasting solutions that have been sufficiently future-proofed
- Better integration of solutions with wider technology ecosystem (enhanced interoperability)

Services

Discovery & Assessment

- Documentation Review
- Audit/Survey
- Stakeholder Engagement
- Current State Assessment & Gap Analysis
- Risk Analysis

Strategy Development

- User Scenario Mapping
- Hosting Options Analysis
- Marketplace assessment
- Strategy & Vision Development
- Business Case Development
- Target Operating Model
- Skills requirements

Design

- Design Principles
- Specification Development

Procurement

- Development of Evaluation Criteria
- Evaluation of tender submissions
- Evaluation of tender presentations
- Contract negotiation

Ongoing Support

- Technical Assurance of implementation
- Project Management oversight
- Witness Testing

Our Methodology

PTS has developed a tried and tested methodology for the successful delivery of our Consultancy engagements, working collaboratively with the Client at all stages and controlled using a standard project management approach. The following activities underpin this methodology.

- **Assessment** – obtaining information about the existing environment and undertaking a Business & Technical Assessment, understanding challenges and the client's ambitions for the future, from documentation, diagrams, contracts, SLAs and interviews with stakeholders/key client representatives.
- **Analysis** – the discovery output is synthesised, with urgent issues prioritised in order to support the Client's future ambitions, incorporating PTS's knowledge of the market with future/emerging technologies, and feeding back to the Client to confirm/clarify requirements.
- **Reporting** – following analysis, PTS will develop the deliverables required by the Client. This will be undertaken collaboratively with the Client to keep the team abreast of PTS's thinking, ensuring that the final output is meaningful and valuable.

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:

- Cloud & Data Centre infrastructure
- Network infrastructure: Local & Wide Area Networks, Wi-Fi, private mobile radio and newer forms of connectivity such as 5G, LoRaWan and Bluetooth
- Unified Communications & AV Technologies: UC platforms, meeting room technologies, digital signage, teaching and learning space technology (including lecture capture), etc.
- Security: cyber security, identity & access management, physical security
- Smart Campus/Buildings: sensor networks, IoT deployments, VR/AR, BMS integration, middleware, data visualisation, etc.
- 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).

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