

Digital Health Infrastructure and Cybersecurity

Having suitable and resilient infrastructure is the foundation for successful digital health. Ideal Health provides services and insight for network design, new technology and cybersecurity for ongoing business continuity and optimal access and availability to systems. HIMSS INFRAM assesses and maps the technology infrastructure capabilities required to reach infrastructure goals.

Service Features

- Infrastructure Readiness Assessment and Design, including:
 - Gap analysis and roadmap to ensure infrastructure readiness to underpin new digital and data innovation, including EPR, data & analytics, AI and ShCRs
- Risk and Governance Assessment of in-house developed systems, including:
 - Technical infrastructure, governance processes and Target Operating Models (ToMs)
- Baseline, current state assessment and future state plan and delivery for of the local area fixed and wireless networks, and wider area connectivity.
- Network Design/Redesign and Refresh
- Cyber security consultancy, risk assessment and strategy, including:
 - Perimeter security, key vulnerabilities, current threat management, network equipment software, firewalls and Intrusion Prevention Systems, protection of remote working via VPN, security management policies/procedures and how these are enforced and monitored
 - Evaluation and strategic planning around equipment estate, including network infrastructure capacity in line with current and anticipated future demand, equipment age and lifecycle stage, including ports and switches
- Device strategy and management, including:
 - Including device assets, usage, management, policies and procedures
- Cloud strategy, cloud migration and internet facing solutions
- Resilience and service continuity assessment and planning
- Implementation and training for O365 and N365
- Single sign on solution support with enhanced security
- Remote working support for seamless operations
- Technical and Enterprise architecture assessments and analysis
- New starters and leavers management efficiency
- Delivery of HIMSS INFRAM assessments for healthcare infrastructure, including gap analysis and roadmap

Service Benefits

- Provides assurance and rigour of foundational infrastructure to support digital health transformation
- Identify and mitigate risks from cybersecurity and poor resilience
- Provides a roadmap for targeted and prioritised interventions
- Ensuring business continuity
- Meeting regulatory standards and compliance requirements
- Supporting onsite and remote working environments
- Efficient management of new starters and leavers
- Enhanced network security and threat detection
- Optimised Cloud infrastructure for scalability
- Streamlined 0365 and N365 implementation for productivity
- Improved access management
- Comprehensive assessments for healthcare excellence

Client-Side Responsibilities

- Access to the client-side stakeholders required for delivery of this service.
- Access to equipment, domains and files required for delivery of this service.