
Healthcare IT Manager

2/3 of the world population have still no access to medical imaging yet...

Do you have the passion, determination and enthusiasm for being part of the solution?

Do you have the unique combination of leadership and expertise required for this challenging position, including outstanding skills in medical products development, industrialization and quality management?

For its product development team, which designs and industrializes an extremely robust, cost-effective and digital medical X-ray system, Pristem is looking for highly motivated, proactive and talented engineers with a good track record in the industry of medical devices.

Position Description

The Healthcare IT Manager will define, implement and maintain the overall IT infrastructures of the company and its international subsidiaries.

He/She will also develop appropriate tools and select/integrate 3rd party solutions required for the remote servicing of a worldwide installed base of medical imaging equipment and for cloud-based medical services.

In addition, the Healthcare IT Manager will support all the departments and subsidiaries' managers in the selection and implementation of appropriate SW solutions (ERP, data management, cloud-computing solutions, etc.). He/She will work closely with the Quality manager and the COO to develop IT-related processes, procedures and trainings.

He/She will report to the director of operations (COO) and work closely with all departments and teams of the company and support all employees and external partners with IT matters.

Main Tasks and Responsibilities

1°) Healthcare IT infrastructures and services

- Liaise with internal and external stakeholders, understand their needs and translate them into appropriate **IT and SW requirements**.
- Define and implement a **global strategy for medical data storage, transfer and management**, considering the SW architecture for the X-ray equipment, but also bandwidth limitations (e.g.

GSM), privacy and security issues, and communication standards and protocols (e.g. IHE, DICOM, HL-7) required for integration within 3rd party healthcare IT infrastructures.

- Participate in building **strategic partnerships** with healthcare solution and service providers.
- Select, qualify, test and integrate **3rd party tools and components**.
- Support the Quality manager for the risk analysis and medical certification of all data communication and cloud-based services.
- Participate in the development of all connectivity means implemented at the product or company level (Ethernet, GSM, Wifi or other appropriate communication means).
- Ensure interoperability with 3rd parties, e.g. HIS, RIS, EMR, cloud-based PACS/VNA, or other medical imaging equipment.

2°) Operations and customer service IT infrastructures and tools

- In collaboration with the COO, define and implement a global strategy for the **remote monitoring and management of all deployed products**.
- Develop and implement the global IT support and maintenance strategy, including cloud-based services management, remote SW upgrades, sensitive data access rights management, storage capacity and security, etc.
- Develop tools to implement specific processes and facilitate the tasks of operation and maintenance technicians.
- Develop and deploy trainings for collaborators, external partners and customers.

3°) Corporate IT infrastructures and tools

- Support all the departments and subsidiaries' managers in the selection of appropriate SW solutions for product development, manufacturing, deployment and servicing (ERP, CRM, etc.). Oversee their implementation, operation, evolution and maintenance within the company and all subsidiaries or partners' sites worldwide.
- Manage the company's IT equipment and software purchasing strategy and provide support for integration and maintenance.
- Implement and maintain the overall data-management and cloud-computing solutions.

Required Skills and Qualification

- Master's Degree in Computer Science or Communication Systems with 5+ years' experience in healthcare IT solutions development/implementation/management
- Experience in medical imaging, PACS/VNA systems and knowledge of IHE/DICOM/HL-7 and other standards and protocols related to medical imaging
- Experience with Hospital/Radiology Information System (HIS/RIS) and e-Health infrastructures management
- Experience with medical data privacy and encryption technics, GDPR- and HIPAA-compliance for health data protection, ISO 27001 for security management, Cybersecurity Framework NIST
- Experience with A.I./deep-learning CAD technologies or Telemedicine solutions is a plus

- **Proven experience in complex IT project management**, from requirements definition to implementation, test and maintenance
- Experience in installing/managing dynamic web development servers (e.g. LAMP stack)
- Knowledge of data base management (SQL Server, NoSQL),
- System and Network administration (Server, Hypervisor, Firewall, VPN, etc.),
- Expertise in remote technical management and IT service management solutions (e.g. Service Now)
- Experience with ERP is a plus (e.g. Odoo, MS Dynamics, etc.)
- Experience with open-source SW integration/development
- Experience with Web based responsive application development and testing, web services, Java, Javascript, HTTP server, RESTful API, service-oriented architectures (SOA)
- Ability to interact with a wide variety of stakeholders and users, internal or external
- Open-minded, proactive, persistent, result-driven and able to work under pressure in changing environments (startup)
- Able to produce outstanding quality and reliability required for our solutions to work durably in the most challenging contexts

Languages: French and English proficiency

We offer:

A multicultural, open-minded, highly dynamic and stimulating work environment
A disruptive approach combining best-in-class medical technologies with heavy-duty industrial quality

An opportunity to address a global health issue in a practical and effective manner

Activity Rate: 100%

Duration: permanent contract

Start Date: as soon as possible

Work place: Pristem Switzerland

How to apply: Send email applications including motivation letter, resume and work certificates/references to careers@pristem.com

More information: www.pristem.com