

IT Automation and Network Engineer

Windows / Linux

Medical Imaging Equipment

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 software engineers.

Position Description

The IT Automation and Network Engineer (Windows / Linux) will provide strong **automation, configuration, administration and deployment expertise on Microsoft Windows** operating system (version 10 Pro) and **Linux** as well as on **network design and configuration**.

As a member of the Information Technology, the Automation Engineer will report directly to the CIO.

Main Tasks and Responsibilities

- Contribute to the **definition, configuration and automation of the IT environment for the operations/piloting of Pristem's X-Ray medical device and accessories.**
- Automate all phases of the process and integrate them into Pristem's DevOps and continuous delivery environment, relying on **Powershell/Bash** and on tools and technologies such as **Ansible, SaltSack, Chef, Puppet.**
- A more detailed list is provided below (and applies to **both Windows and Linux**):
 - o **Operating System configuration**
 - Minimal OS configuration
 - Local user profiles and permissions (applications, file system, etc.)
 - Kiosk and Touch mode
 - Remote access
 - o **Automated deployment and configuration:**
 - Scripting of fully automated machine deployment and configuration
 - Scripting of fully automated application deployment and configuration (IIS WEB server, Docker, etc.)
 - o **Network configuration:**
 - Switch(s), router(s) and connectivity
 - Firewall rules
 - GSM modem
 - o Hardware selection and configuration
 - PC and connectivity
 - RAID disk bay
 - Network components (switch, router, modem, etc.)
 - o Patch and Update management
 - Definition of update package
 - Scripting of fully automated deployment of update package
 - Implementation of semi-automated update process (notification, download, install)
 - o Backup (and restore) configuration
- Contribute to the design and implementation of the company's IT support model and directly participate to customer support.
- Participate to the integration, configuration and customization of Pristem's products and services at client sites.
- Collaborate very openly with colleagues from all other departments (electronics, mechanical, marketing, sales, operations, etc.) and be part of a culture of continuous improvement, – providing very high-quality work required by the extremely high reliability, security and safety of Pristem systems.
- Be excellent at what you do: provide serious work without taking yourself too seriously.

Required Skills and Qualification

Required

- In-depth expertise of Windows operating system (specifically Windows 10 Pro) and Linux.
- Perfectly at ease with Windows and Linux scripting (PowerShell, bash, etc.) and automated operations
- In-depth expertise of network architectures, configuration and related components. Routers, switches, firewalls have no secrets for you.
- The right mindset to work in a growing startup: ownership & accountability, ready to go the extra mile, collaboration, customer focus and support. Able to produce outstanding quality and reliability required **for our solutions to work durably in the most challenging contexts.**

Recommended

- Knowledge of IT automation tools such as Ansible, SaltStack, Chef, Puppet, etc.
- Docker Desktop environment.
- DevOps experience (use and administration) ideally Azure DevOps.
- At ease in agile cross-functional teams and ability to interact with a wide variety of internal/external stakeholders.

A plus

- Master's Degree in System or Software Engineering
- Knowledge of medical imaging regulations (ISO 62304)
- SCRUM experience

IMPORTANT: we can only accept candidates from Switzerland and the EU.

- Languages:** French and English full proficiency (written and spoken).
- We offer:**
The ability to shape a best-in-class software environment from the beginning.
A multicultural, open-minded, highly dynamic and stimulating work environment in a flat hierarchy.
An opportunity to address a global health issue in a practical and effective manner.
- Activity Rate:** 50 - 100%
- Duration:** permanent or consulting contract
- Start Date:** as soon as possible
- Workplace:** Pristem Switzerland in Lausanne.
- How to apply:** Send email applications including motivation letter, resume and work certificates/references to hr@pristem.com
- More information:** www.pristem.com