Visu-project

Summary

- Secure research environment for sensitive data.
- Built on OpenShift technologies.
- Goal: secure auditable, easy-to-use solution.

Purpose

- Implementation of a secure and isolated research environment.
- Fulfilling the requirements of both the Secondary Use Act and auditability requirements.
- Standardization of documentation and review processes.

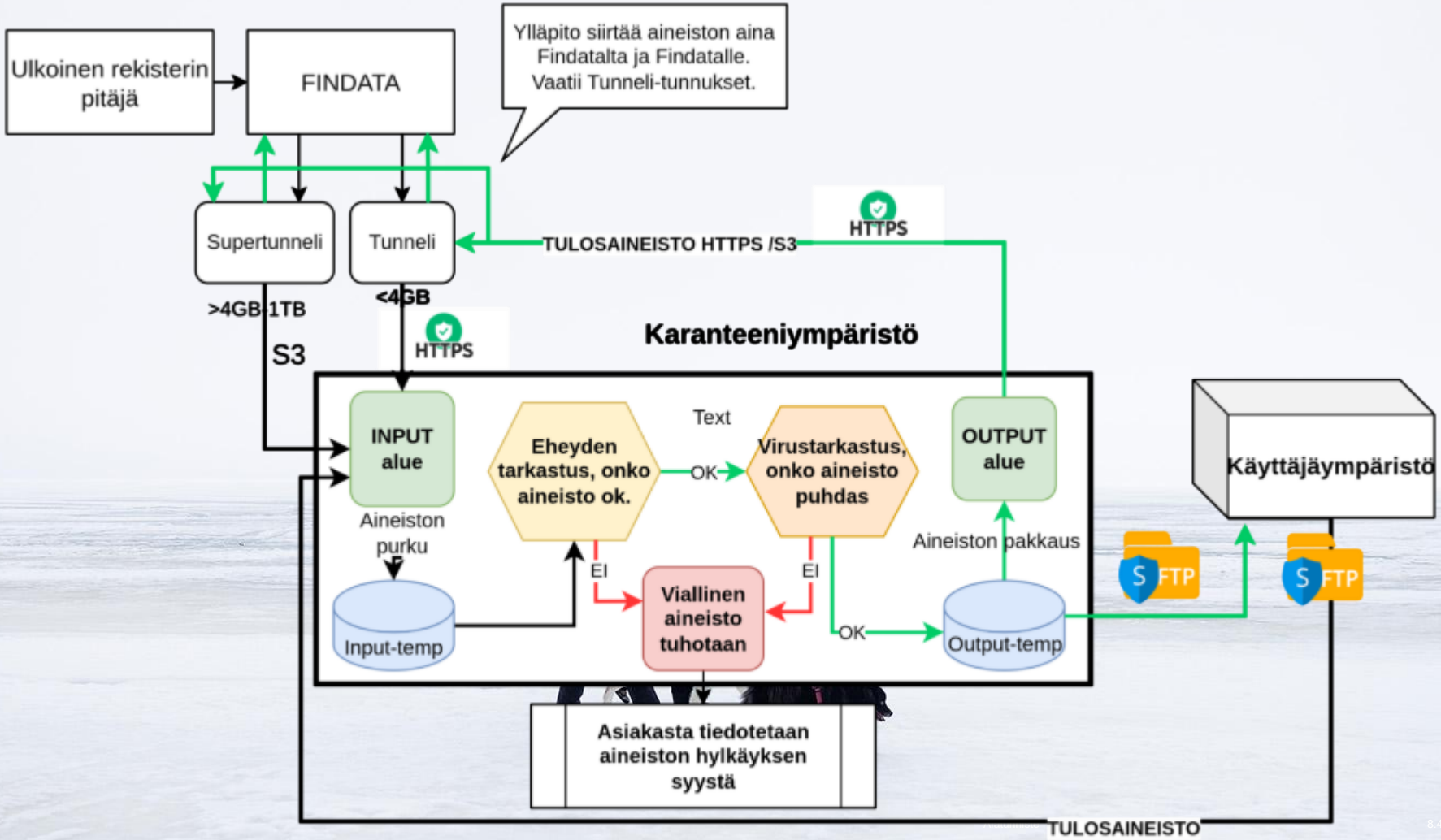
Users

- Researchers, doctoral students and clinical experts.
- External researchers through a controlled application process.

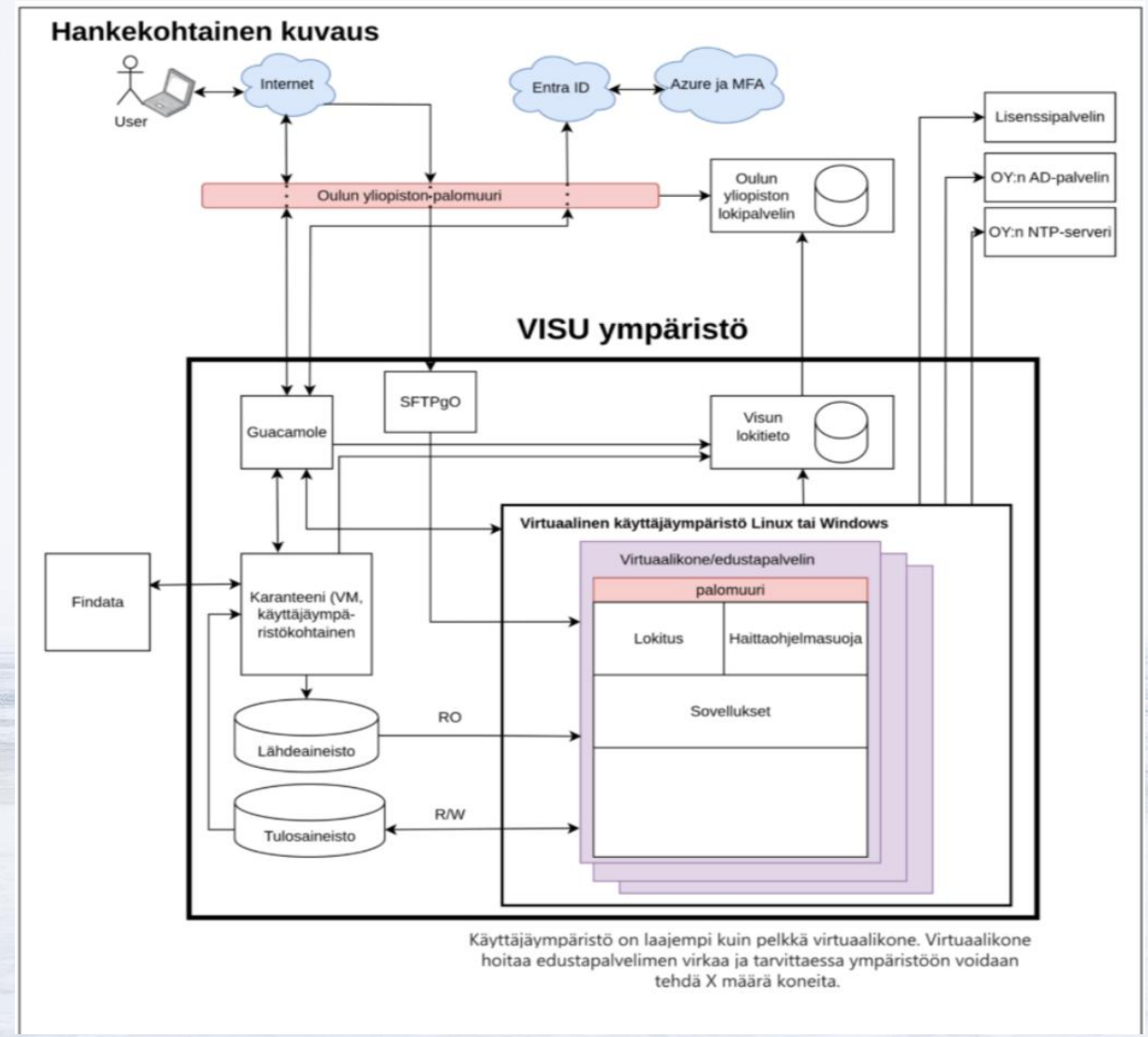
Technical Architecture

- OpenShift cluster and Virtualization environment.
- Data Foundation and centralized logging.
- MetalLB and a clear ingress architecture.
- CIS Benchmark hardening.
- Guacamole + RDP access path.
- SFTPGo for secure file transfer.
- Integrations: Entra ID.
- Connectivity: internal networks and VPN.
- Performance considerations (RDP, GNOME Shell).

Architecture

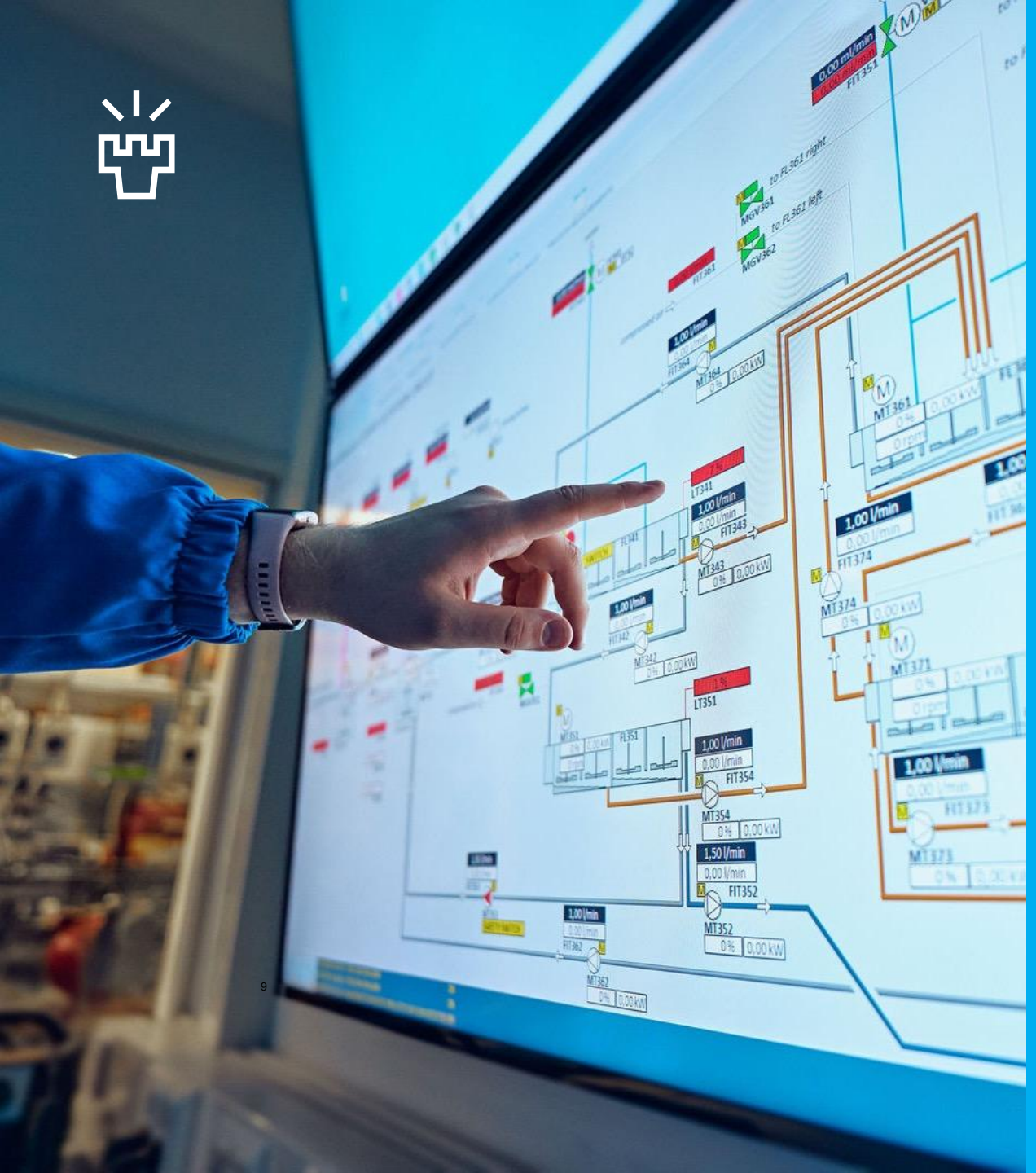


Architecture



Pricing

Based on reserved capacity: CPU, Central Memory, Disk Space and GPU Capability



Schedule

- 2025: preparation, building test platforms, license acquisitions.
- Q1/2026: testing, analysis, finalization of documentation, and audit.
- Q2/2026: accommodating changes to the Secondary Use Act and preparation for production.