LEANmade
Private | Secure | Compliant

Customer Segment:
SME

Swiss Manufacturing Company
Metal Surface Enhancement

Situation

- **Growing concern about handling and protecting the following types of information:**
  - Intellectual Property (IP)
  - Personal Identifiable Data (PID) of Customers, Partners and Employees
  - Financial and operational Data

- **Wanted to get independent confirmation that IT infrastructure, processes and governance were protected and secure,** across:
  - Structured Data (ERP, CRM, Manufacturing Systems, Datastores), as well as
  - Unstructured Data (Email, Fileshares)

- **Available internal and external resources lacking the capacity and, in part, some of the deep skills required.**

Solution

- **We conducted a 2-day, standardized technical IT Security Assessment to establish the biggest risks and opportunities**, and define a lean and manageable scope of work. This included:

- Data Protection
  - Review of existing access policies to ensure only authorized users can access sensitive information - resulted in recommendations for change specifically related to remote access by 3rd party suppliers

- **IT Security**
  - Process review of existing risk management controls in case of Data Breach.
  - We carried out **a fully scripted and automated technical discovery service**, in order to build up a technical picture of the cyber risks facing this organization. This covered the following areas:
    - Risk Management (NIST)
    - Inventory Management (Hardware) (CIS 1)
    - Inventory Management (Software) (CIS 2)
    - Continuous Vulnerability Management (CIS 3)
    - Control of Admin privileges (CIS 4)
    - Secure configuration - endpoints (CIS 5)
    - Monitoring (CIS 6)
  - Additionally, we performed **a basic penetration test** against some of the key assets in the organisation.

Results

- **Through our assessment**, we found the existing processes and compliance measures to be in solid shape as a starting point (a.o. through 3rd partner IT specialists), but required several updates and improvements in order to safeguard the entire IT operation in today's and tomorrow's connected environment.

- **LEANmade was able to help identify both quick wins and long term suggestions for improvements that can be delivered cost effectively and efficiently.**

- **Areas of improvement included:**
  - **Moving from a passive protection model to an active protection model**, where security controls are audited and improved over time.
  - **Optimization of the current security infrastructure**, in order to fully use the available capabilities
  - **Additional controls suggested**, incl. a roadmap for a critical business service which uses an End of Life (EoL) platform.