



One that speaks every language. **L1NE**

Legacy CNCs securely on the modern intranet – with **L1NE**

Maximum security.

Full control.

No compromises.

How it works: **L1NE** encapsulates your CNC machines in an isolated subnet and transforms their unencrypted SMB1/NFSv2 traffic into modern, encrypted SMB3/NFSv4 traffic. Your central company network stays protected against potential attacks via SMB1 – and you can switch off SMB1 company-wide.



Why **L1NE**?

- **Highest security:** Separate network zones, dual network cards, KVM isolation – no manipulation from outside or inside.
- **Invisible and unassailable:** No classic proxy mechanisms, invisible from the outside.
- **Simple integration:** One cable to the CNC machine, adjust IP and share – minimal downtime.
- **Fail-safe:** Every unit works autonomously. If the network fails, a USB stick is enough.
- **Maximum performance:** Fast, reliable data transfer for smooth operation.
- **Central monitoring:** Optionally controllable via monitoring software or SOC.
- **Easy configuration:** WebConfig in the browser – secure, fast, uncomplicated.
- **Vendor-independent:** All controllers with a network interface.
- **Cost-efficient:** Security doesn't have to be expensive – **L1NE** proves it.

With L1NE you run your CNC machines more securely than ever – with no restrictions. Whether installation, integration or operation: our network specialists at Logiphys are there for you at any time. On request we also monitor your **L1NE**solution around the clock via our Security Operation Center.



Integrating CNC machines with L1NE

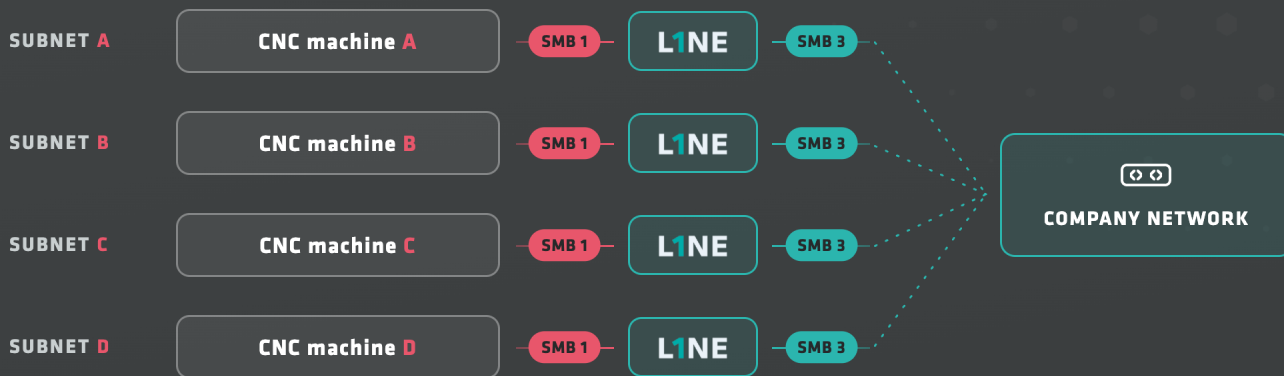


Figure: integrating CNC machines into the company network with L1NE

L1NE – technical data at a glance

COMPONENT	SPECIFICATION
Processor	Intel® Celeron® N5105 (64-bit, 2.0 GHz, turbo 2.9 GHz, 4 MB L3 cache)
Cores / Threads	4 / 4
Memory	8 GB LPDDR4-2933, soldered
Storage	500 GB NVMe SSD, internal
Network ports	2× Intel® I226-V 2,5G Ethernet (RJ-45)
USB ports	4× USB 3.2 Gen 1 Type-A, 1× USB Type-C (COM)
Video	1× HDMI 2.0
Indicators	LED power button (blue), power indicator (green), disk activity (red)
Enclosure	Fanless, full aluminium heat sink
Power supply	12 V DC, max. approx. 48 W
Dimensions & weight	approx. 117 × 112.3 × 52 mm; around 0.82 kg
Operating temperature	-10 °C to +50 °C

