E.T. Box

With the E.T. Box you always are in control of your data!

Easy remote service of CNC machines is now safer and easier than ever before.

- Secure VPN connection
- No additional software required
- No access to internal networks

The E.T. Box is a compact VPN router that can be mounted directly in the CNC machine's control cabinet. It provides external access to the machine's control via a LAN, WiFi or W4G connection.

- 4 configurable LAN/WAN ports
- Input/Output 2xDI, 1xDO
- Power supply 12-24 VDC+/-20%, LPS
- Temperature range from -77° to max. 140°F
- CE, UL, FCC, IC marks
- 36 month warranty

Reduce down-time and cost!

- Your Advantage: If there is a problem, a KNUTH technician will remote into your machine's control within 4 hours and either solve the problem right then, or make targeted preparations for an on-site repair visit.
- This is made possible via Flexy 205® by Ewon®

The E.T. Box will also give you new possibilities for doing more with your machine data!

- Global access to your machine's control
- Recall or display alarms
- Data management for workpieces / parts programs / offsets
- Integration in Smart Factory Systems

Data Security

- Any access to the machine from outside must be verified by the operator via the HMI
- Secure VPN connection via internet: Talk2M Pro Server and infrastructure are hosted by internet providers with SSAE-16 and ISO 27001 certifications
- A key switch is provided to completely shut down the box, when no communication is needed
- No access to internal networks is possible, since connections are established via GSM. Optionally, connections via LAN or WIFI can be established

E.T. Box LAN   Part No. 270307

E.T. Box WiFi   Part No. 270308

E.T. Box W4G   Part No. 270309

Compact and space-saving router can be stored in the control cabinet of the machine

Remote Service:

- Prompt support via remote service router. Specialized CNC technicians with comprehensive knowledge about your machine are available.
- Support for questions regarding machine operation, programming or the HMI user interface - the operator will get answers and live support while working at the machine.

Advantages:

- In preparation for a pending machine maintenance call, the KNUTH CNC technician can gather information on the current machine status and initiate measures or order replacement parts.
- Diagnostics can be run not only per e-mail or phone, but also directly in the live-switched system
- Immediate analysis together with the operator or technician upon the occurrence of alarms or alert messages

The connected machine in production

KNUTH technicians can perform diagnostics directly on live system

Advantages of the E.T. Box versus other technologies

- No extra software is necessary
- Easy setup at the machine
- No external hardware for data transfers is necessary (i. e., no PC must be provided during operation)