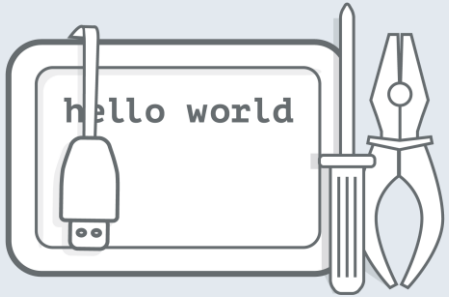
KVASER

ABOUT KVASER

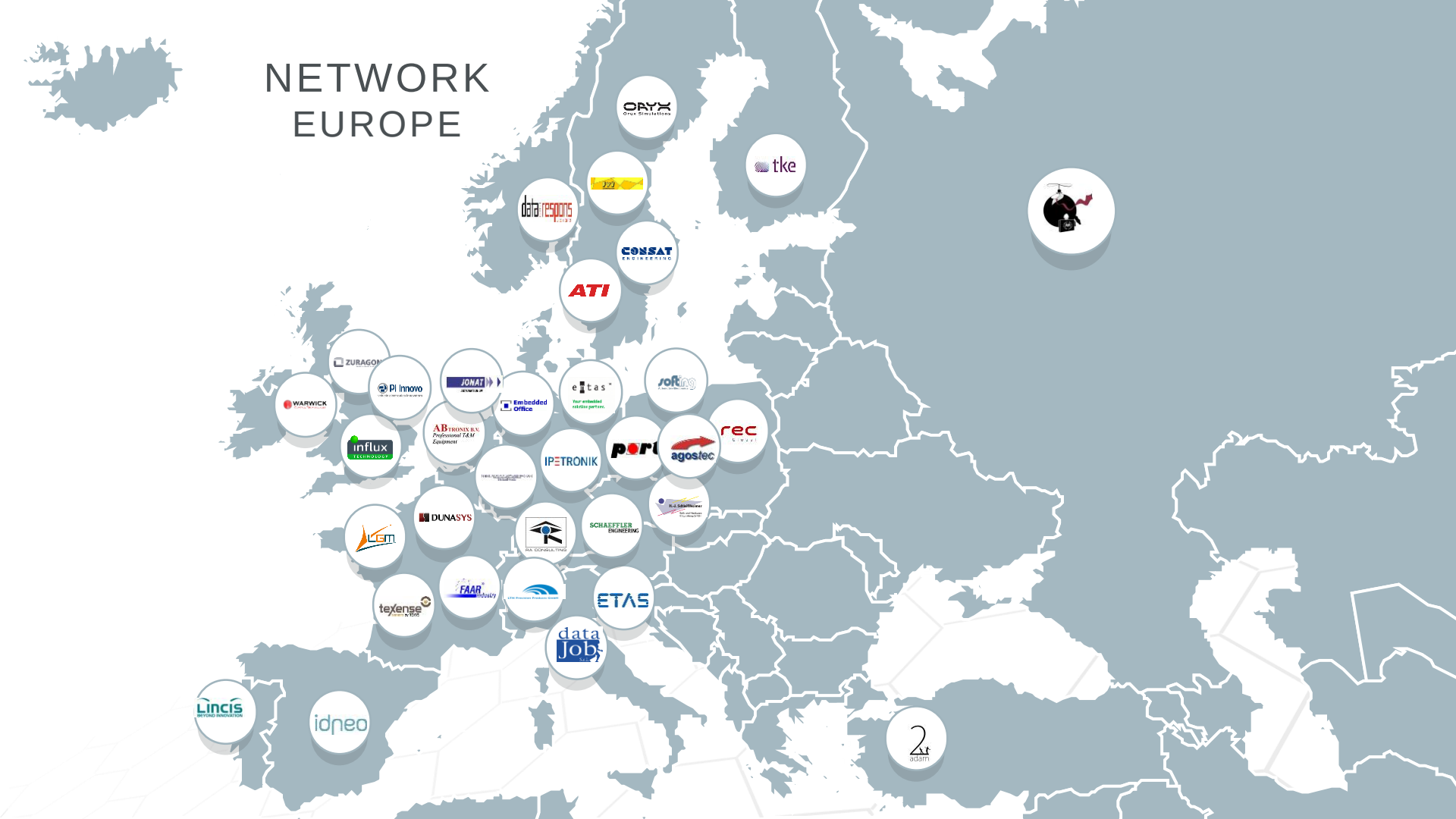
BUSINESS MODEL



Global Network Technical Associates

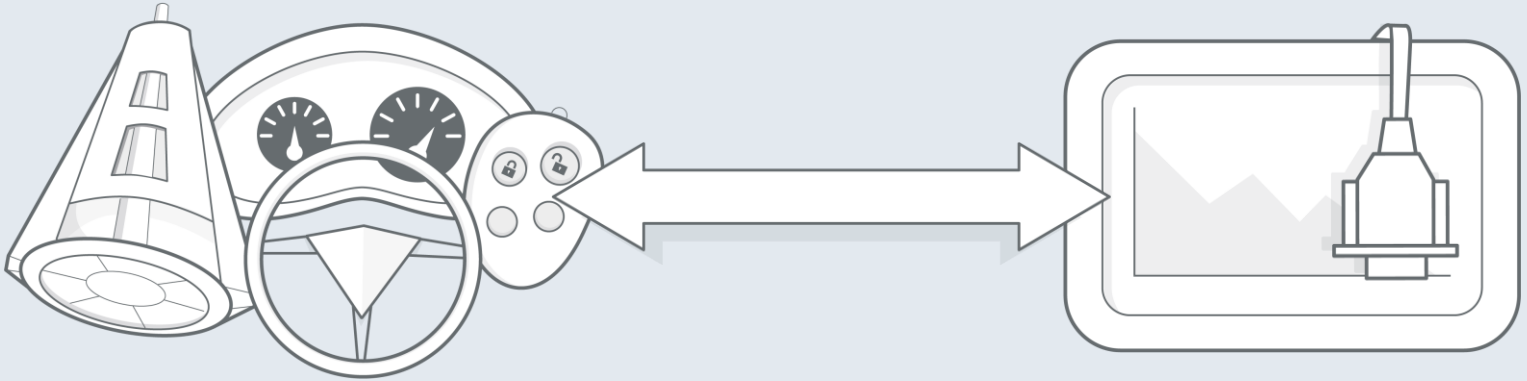
- develop software tools
- support Kvaser CAN interfaces

NETWORK EUROPE



VERTICAL MARKETS

BUSINESS MODEL



Kvaser CAN and LIN

- Interfaces

- Data Loggers

WHY KVASER

Free Kvaser Software Tools

- Drivers
- Kvaser CANlib SDK (API)
  - Common for all interfaces

WHY KVASER

Technical Support

- Free
- 24 hr/day, business days

PRODUCT OVERVIEW

PRODUCT OVERVIEW

LEAF

USBCAN

MEMORATOR

BLACKBIRD

PCI FAMILIES

Leaf Light v2

EAN: 73-30130-00685-0

FEATURES

- Single Channel
- Send & Receive
- CAN 2.0A and 2.0B
- All Higher Layer Protocols (J1939, CANopen, etc)
- USB 2.0
- Galvanic Isolation

INSIGHTS

- Best selling interface: Leaf Light v2
- Used across all markets
- From development to service tool

Leaf Light v2

EAN: 73-30130-00685-0

OBDII

J1939

Rugged

Professional

+10 MORE

USBcan Professional

EAN: 73-30130-00357-6

FEATURES

- Dual Channel
- Send & Receive
- CAN 2.0A and 2.0B
- All Higher Layer Protocols (J1939, CANopen, etc)
- USB 2.0
- Galvanic Isolation

INSIGHTS

- Used across all markets
- From development to service tool

USBcan Professional

EAN: 73-30130-00357-6

RJ45

Rugged

Memorator Professional

EAN: 73-30130-00351-4

FEATURES

- Two Channel USB-CAN
- Interface Mode
- Standalone Datalogger Mode
- SD card memory
- Configurable logging

INSIGHTS

- Best selling interface: Memorator Professional
- High use in Transportation markets: Automotive, Rail, Mining, Truck, Aerospace

Memorator Professional

EAN: 73-30130-00351-4

Light

Rugged

Eagle

PC104+ HS/HS (IDC)

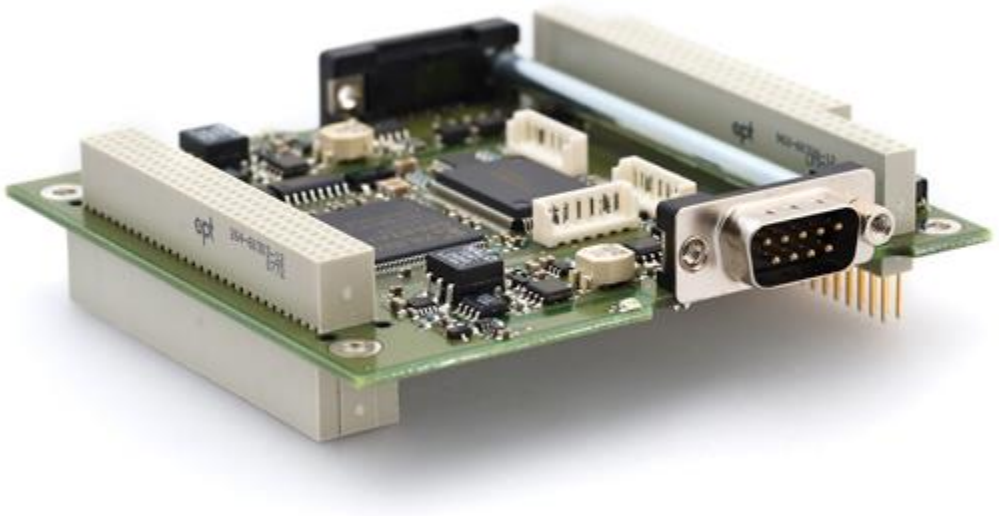
EAN: 73-30130-00336-1

FEATURES

- 2 Channels
- Send & Receive
- CAN 2.0A and 2.0B
- All Higher Layer Protocols (J1939, CANopen, etc)
- Galvanic Isolation
- Onboard 16-bit microcontroller

INSIGHTS

- Embedded Systems
- Systems Integrators



PC104+ HS/HS (DB9)

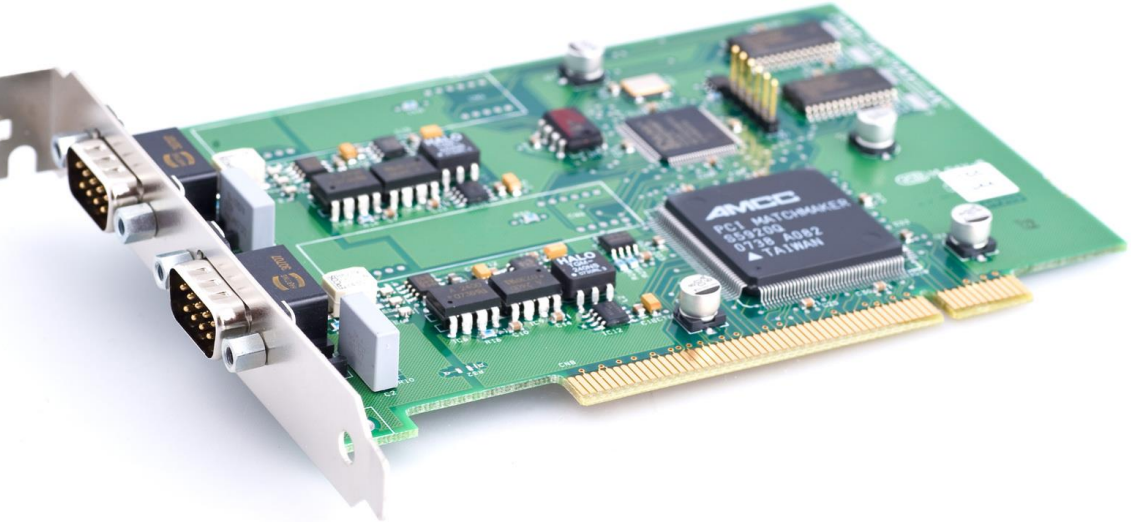
EAN: 73-30130-00352-1

FEATURES

- 2 Channels
- Send & Receive
- CAN 2.0A and 2.0B
- All Higher Layer Protocols (J1939, CANopen, etc)
- Galvanic Isolation
- Onboard 16-bit microcontroller

INSIGHTS

- Embedded Systems
- Systems Integrators



PCIEcan HS/HS

EAN: 73-30130-00405-4

FEATURES

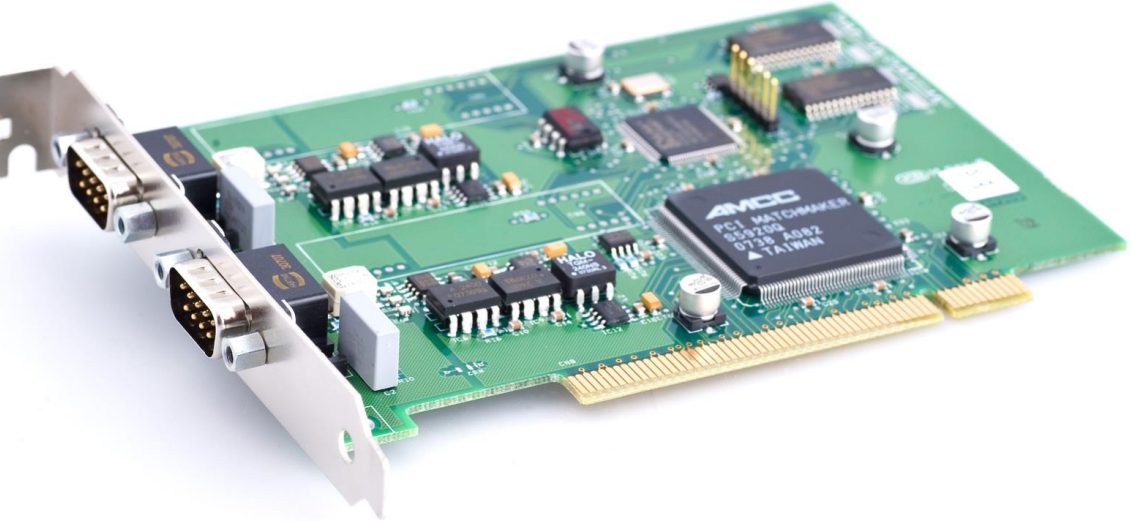
- 1 – 4 Channels
- Send & Receive
- CAN 2.0A and 2.0B
- All Higher Layer Protocols (J1939, CANopen, etc)
- Galvanic Isolation

INSIGHTS

- Embedded Systems
- Systems Integrators

PCIEcan HS/HS

EAN: 73-30130-00405-4



PCI-X

PCI Express

Onboard Controller

Mini PCIExpress

CIRCUIT BOARD VERSIONS

Leaf Light v2

EAN: 73-30130-00685-0

USBcan Pro HS/HS

EAN: 73-30130-00413-9

Memorator Pro HS/HS

EAN: 73-30130-00351-4

Leaf Light HS CB

EAN: 73-30130-00733-8

USBcan Pro HS/HS CB

EAN: 73-30130-00684-3

Memorator Pro HS/HS CB

EAN: 73-30130-00581-5

PRODUCT ROADMAP

Mini PCI Express 2xHS

Leaf Light OEM/OBDII/CB/NMEA

USBcan Light 2xHS

EtherCAN Light HS

PCIEcan 4xHS

USBcan Pro 5xHS

Memo Pro 5xHS with t

2014

2015

PRODUCT ROADMAP

Mini PCI Express 2xHS

Leaf Light OEM/OBDII/CB/NMEA

USBcan Light 2xHS

EtherCAN Light HS

PCIEcan 4xHS

USBcan Pro 5xHS

Memo Pro 5xHS with t

2014

2015

CUSTOMIZED PRODUCTS ARE AVAILABLE

- ✓ Relabeled Off-the-Shelf (OTS)
- ✓ Modified Products

MINIMUM REQUIREMENTS

- ✓ 200 pcs per year
- ✓ MNDA & Contract with QSR

APPLICATIONS

APPLICATIONS - CASE STUDIES

Mining

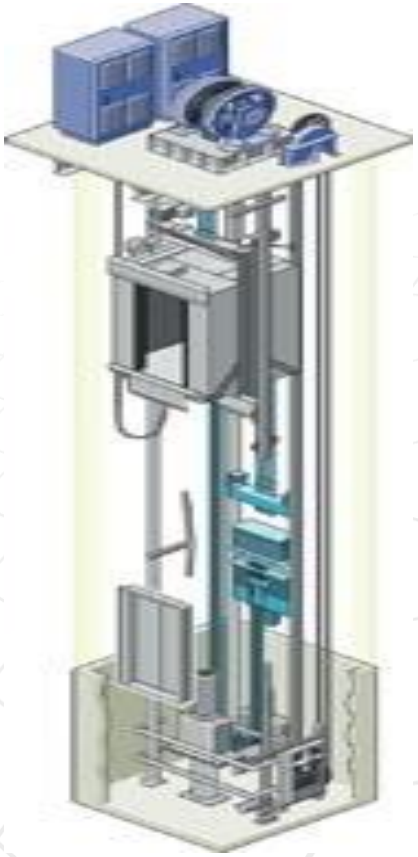
Kvaser Datalogger are used to log hydraulic oil transmission temperatures or monitor brake system pressures

APPLICATIONS - CASE STUDIES

Elevators and Escalators

Kvaser products

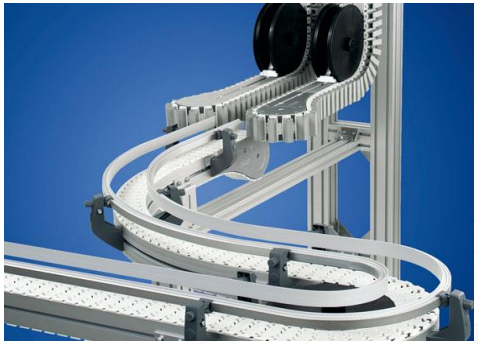
- **embedded part of the elevator**
- **after sales diagnostic tool**

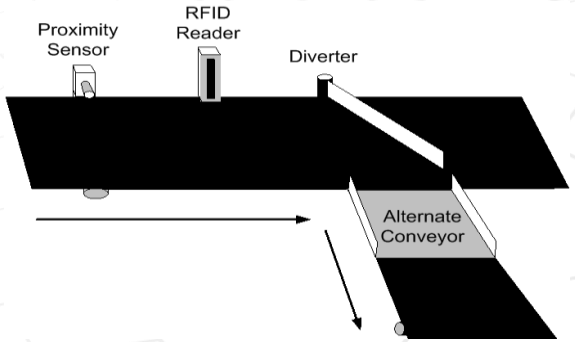


APPLICATIONS - CASE STUDIES

Industrial Automation - Conveyor systems

- **Distribution**
- **Kvaser CAN interfaces are used in control systems for data acquisition**





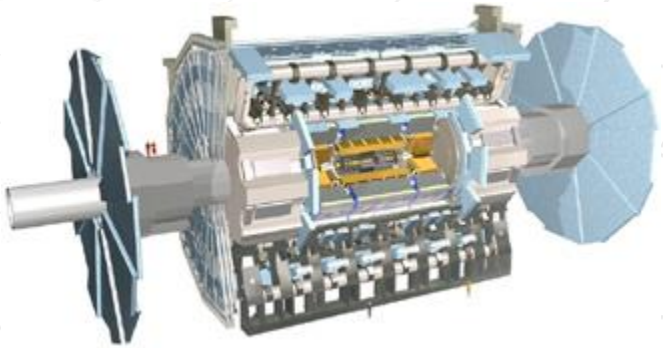
APPLICATIONS - CASE STUDIES

Industrial Automation at University

- **Cern**

Proton Collider – Recreate the condition of post Big Bang event

Kvaser CAN interfaces play an important role within the world's most powerful particle accelerators for data acquisition.



APPLICATIONS - CASE STUDIES

Aerospace

- **NASA**

Kvaser CAN Interfaces were picked by NASA for extreme performance and radiation test.

"I thought you might want to know that the Leaf Semi-Pro I bought performed much better than I expected under testing. We bombarded the unit with the equivalent of 10 years worth of ionizing radiation and it only had two "functional interrupts" where it lost communication. In both cases, power cycling the unit by disconnecting it and reconnecting it returned it to normal function."

KVASER