

Electronics Design

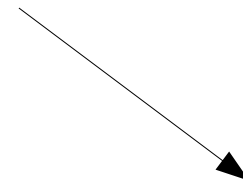
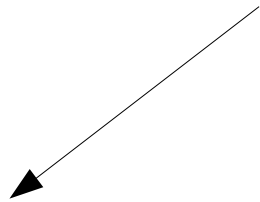
Electronics Design OÜ

The company presentation 2021

Electronics Design

www.electronics.ee

**Research, development and manufacturing of electronic
hardware, software and systems
Founded in 1994 in Tallinn, Estonia**

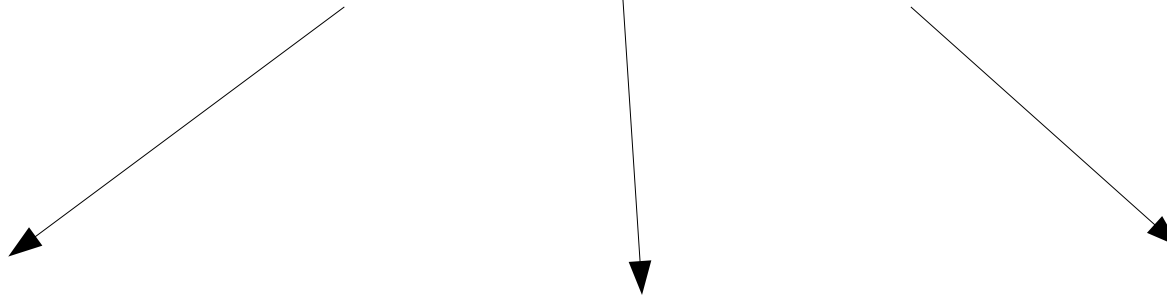


**Development and
manufacturing
of own original
products**

**Development and
manufacturing
by orders of
OEM partners**

**Participation in
Research and
development
projects**

MAJOR PRODUCT GROUPS



Security & Access Control

Fire Alarm and Protection

Data Acquisition & Processing

Industrial Control

Interface/ Protocol converters

Multichannel Voice Recorders

Sound/ Voice processing

Corporate Communication

Public address

Billing software

Professional GNSS Tools

Car/Personal Trackers

GSM/GPRS Controllers

GSM/GPRS Modems

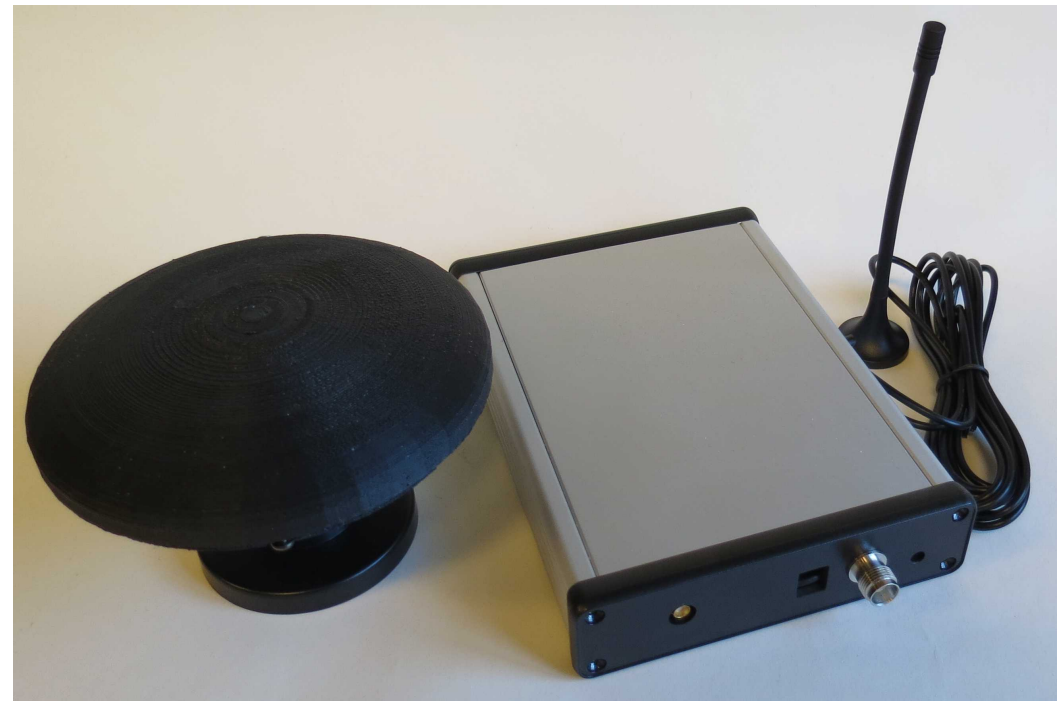
Examples

GNSS tools

GNSS receiver for surveyors



GNSS controller and software for
mobile mapping and road quality
measurement



Examples

Car and personal Trackers



Car tracker



Adaptive tracking technology example

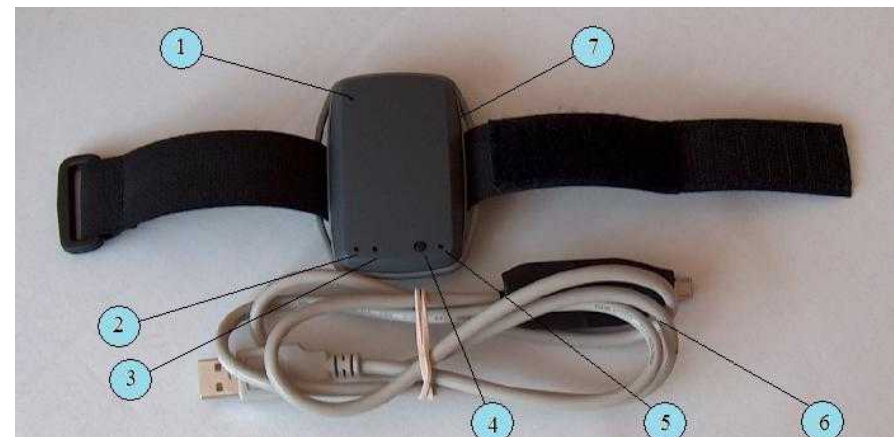


Compact car tracker

Tracker powered by solar cells

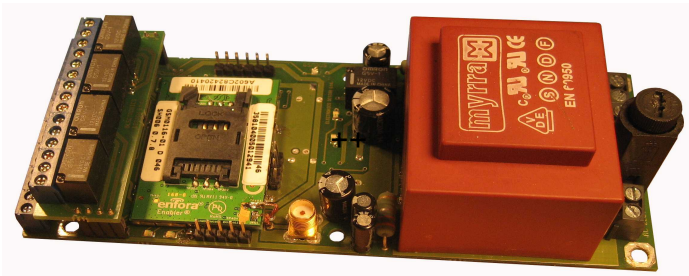


Personal tracker



Examples

GSM/GPRS controllers and modems



GSM/GPRS controller



Intercom GSM controllers



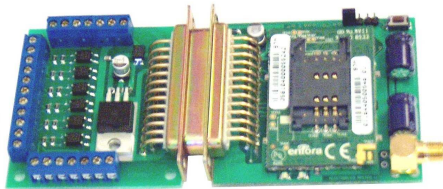
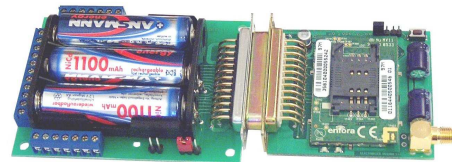
RS232 GSM/GPRS modem



USB GSM/GPRS modem



Modular GSM/GPRS controllers



RS485/ RS232
GSM/GPRS modem



Examples

Interface converters and concentrators

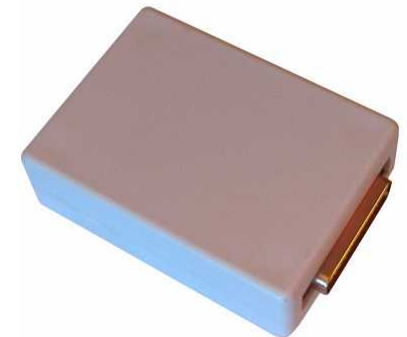
Ethernet - RS485 converters
PoE, power output



12-port RS485 hub



8-port RS485 - parallel
port converter



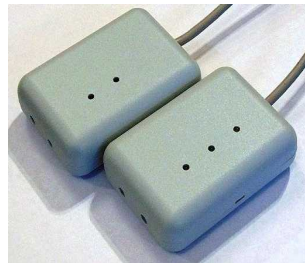
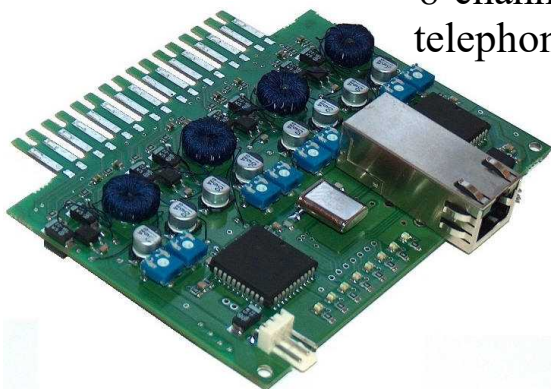
USB - RS485/RS422 converters with power output



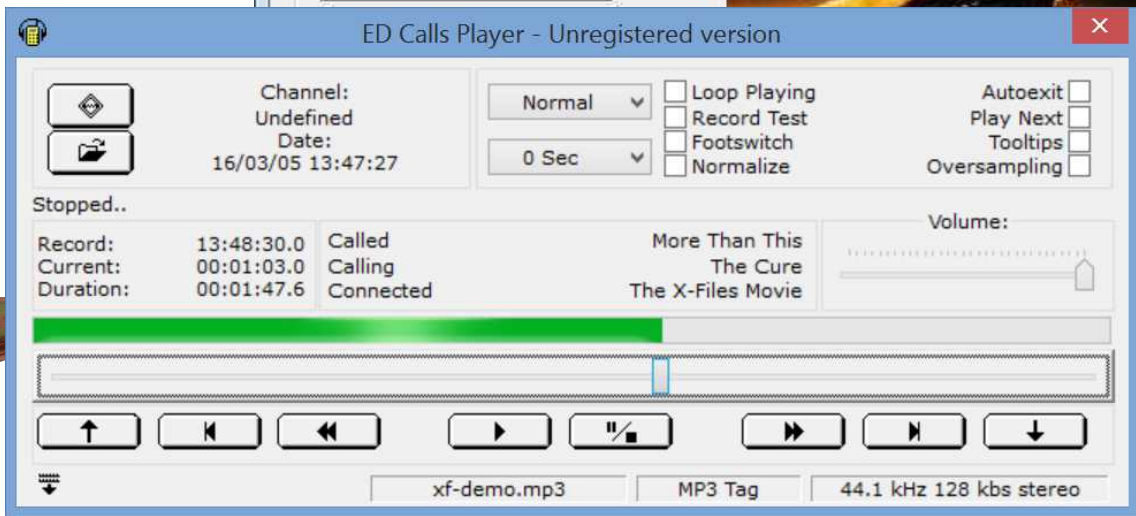
Examples

Computer based multichannel voice recorders

8-channel analog
telephone adapter



Stenography
software



ISDN E1 telephone
adapter

Telephone dialers



Examples

Corporate communication

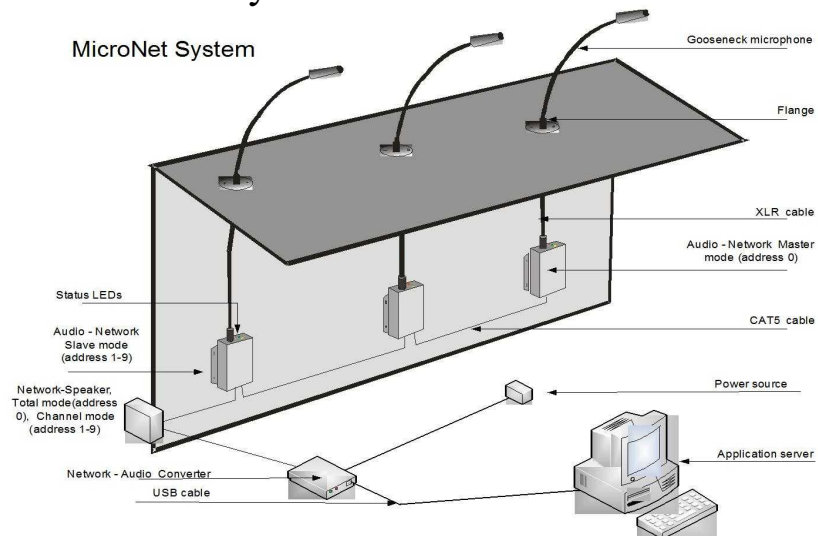


Voice Changer for witness protection

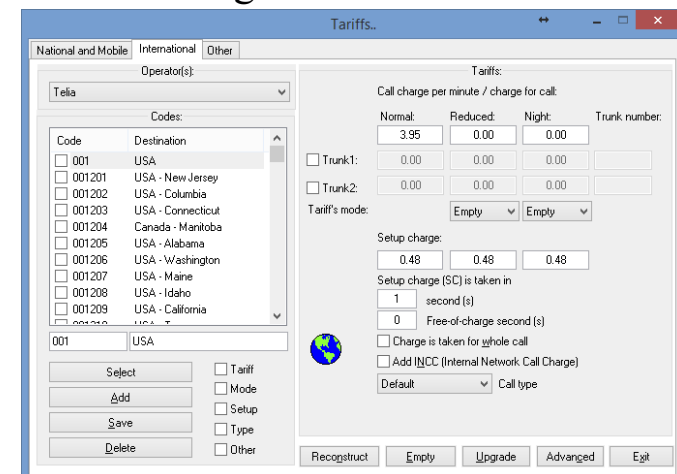


Console for railroad station

Audio system for courts

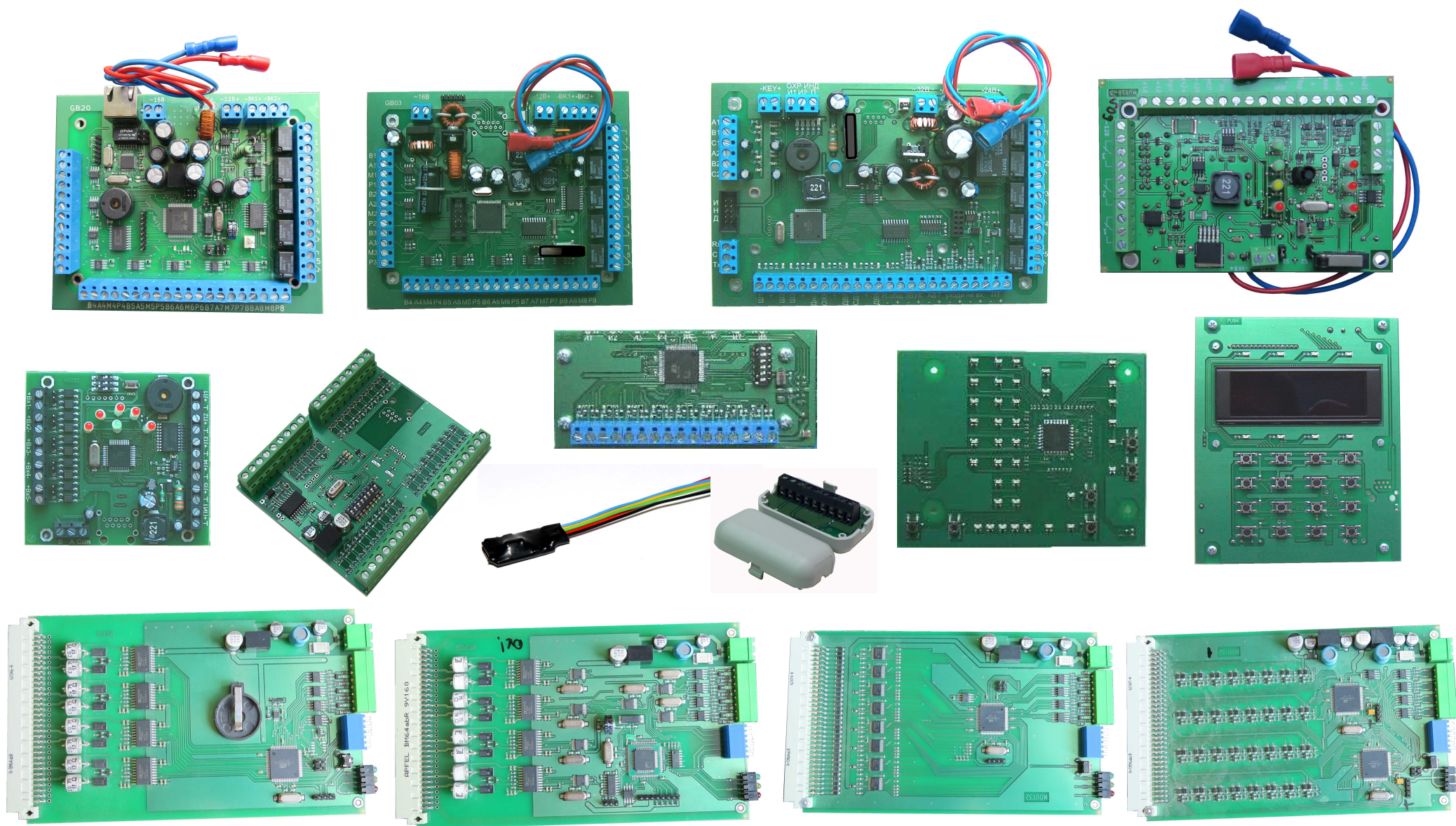


Billing Software



Examples

OEM Modules




more at www.electronics.ee

<https://www.electronics.ee/index.html> 80% ☆

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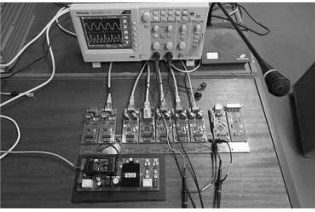
Ethernet - Serial



Ethernet to RS485 Converter powered by PoE plus 12 VDC output.
Baudrate - up to 921600 bps, ripple - less 100 mV.
Ethernet to RS485 Converter.
Baudrate - up to 460800 bps, power supply 5...30 VDC

[View details »](#)


Digital Conference



Digital Modular signal distributor block for Corporate Conference system.
Any combinations of four-wire, telephone and IP links allowed.
Number of subscribers – up to 32.

[Ask for details »](#)


USB - Serial



USB to 2 x RS485 converter plus 12 VDC output.
Baudrate - up to 230 kbps
Total Throughput - up to 40 kbytes per second
12 VDC output current - 11 ... 110 mA
USB-RS422/RS485 USB-RS232
Baud rate: up to 3Mbps

[View details »](#)

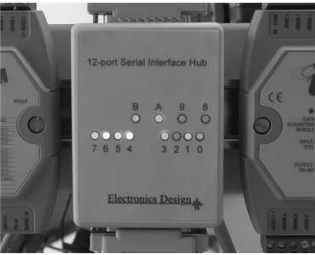
Voice recording



8-channel analog adapters
1/2-channel analog adapters
ISDN E1 channel adapters
VoIP calls recording
Incoming and outgoing caller numbers detection, records sort and search, and many more


[View details »](#)

RS485 Hub



12-port RS485 Concentrator
Ports options: RS485, RS232 or Current loop. Almost any combinations.
Power supply voltage: 5...30 VDC / 1-100

Software Switch



Software Switch and IP Alert System:
Notification of subscribers of the corporate network on a schedule (up to 256 scenarios) or in real time
Conducting network meetings on a schedule (up to 256 scenarios) or in real time (from 2x to 256 participants)

[Ask for details »](#)