



Wir sorgen für Verbindung_

We care for connection_





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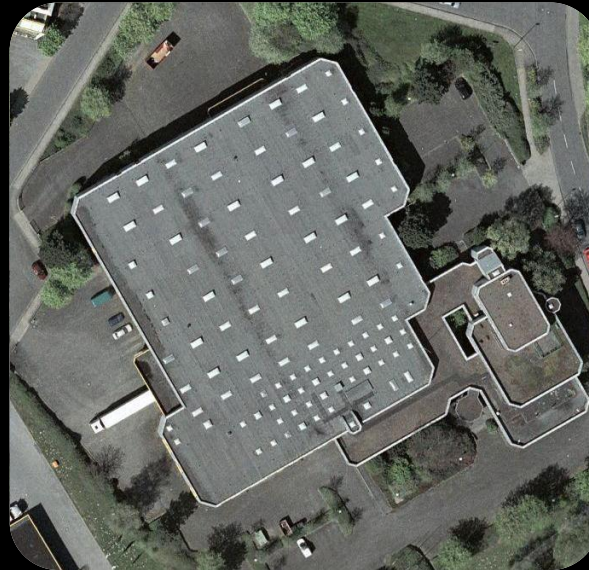
About EFB – Milestones

1988	Foundation	EFB in Bielefeld (Germany) as a manufacturer and a system provider for data network technology
1991 to 1998	Inauguration	Further regional sales offices in Germany
2001	Inauguration	Production plant for glass fiber manufacturing in Sonneberg (Thuringa, Germany)
2004	Acquisition	By the internationally operating TKH Group from The Netherlands
2005 / 06	Certification	N ISO 9001:2000
2007	Inauguration	International sales office in Istanbul / Turkey
2008	Expansion	Central warehouse and the offices in Bielefeld
2010	Certification	EN ISO 9001:2008, EN ISO 14001 and UL Listing (Manufacturing)
2011	Certification	DIN ISO 16061
	Current Data:	Employees: 145 (Germany) Warehouse: 7000 sqm on two floors / 3736 places for euro-pallets





About EFB – Plot & Building



Plot area (sqm)	15.000 qm
Building area (sqm)	10.200 qm
- warehouse area (sqm)	6.700 qm
(space for 4000 euro pallets)	



About EFB – Portfolio & Brands

Data and Networking



Components and Products of own manufacture

- Copper Cable
- Fiber Optic Cables
- 19" Rack Systems
- Telecommunications
- Multimedia
- etc.

Video-Surveillance



Digital (IP) and analogue (CCTV) video-surveillance cameras plus a wide range of accessories:

Peripherals for video transmission, controlling and logging in IP surveillance infrastructure

Industrial System Solutions



Specialization in industrial solutions in single and series production.

EFB-Industrial manufactures custom cable assemblies, assemblies and wire harnesses in-house production.

High-End System Solutions



Coordinated and certified systems, with optional system warranty.

Special trunk cable solutions, LED patch cables (Fiber Optic & Copper) and 19" rack systems are available for Data Center.



About TKH



TKH Group NV (TKH) is an internationally operating group of companies specialising in creating and supplying innovative systems and networks for the provision of information, telecommunication, electrotechnical engineering and industrial production



Turnover (2010)

€ 893.5 Mio

Employees (2010)

3706

Strategic Markets

- Telecom Solutions
- Building Solutions
- Industrial Solutions



Data Networking

Twisted Pair & Components

- Patch Cables (up to Cat.7)
- Installation Cables
- Patch Panels & Flush-Types
- RJ45 Adapters & Modules
- Tools & Measurement

Fiber Optic & Components

- Splice boxes (assembled/ unassembled)
- Simplex / Duplex Jumper
- Universal- /Outdoor Cables
- Wall-/ Splice Distributors
- MPO / MTP and Infiniband

Rack Systems & Accessories

- 19" Rack Systems (assembled/ unassembled)
- 19" Server Cabinets
- 19 Rack Frames
- Accessories
- 10" Components

IT & Computer Accessories

- Activ Components (Switches / Converter)
- Audio / Video Cables
- Telecommunications
- USB, S-ATA, BNC, Coax
- Multimedia





ECOLAN in Detail



Passive and active network connections and components



Fiber-optic cable connections and components



Consumer-orientated multimedia connections and components



Cabinet and enclosure solutions

ECOLAN® Certified System

ECOLAN® Certified structured cabling systems with a 25 Years' warranty program



ECOLAN®

Our Promise - Your Success

© Premium Brand by EFB-Elektronik

ECOLAN® product packages are consistently designed and realised according to this criteria.

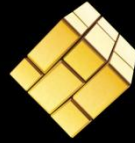
ECOLAN® combines the values of a brand with the promise of products with high-quality features.



Video Surveillance



- Outdoor Day/ Night Cameras
- Dome Cameras
- Mini-Dome Cameras
- Unvisivle Cameras
- Bullet Cameras



Brickcom

- Box Cameras
- WLAN / 3G Cameras
- Dome Cameras
- PTZ / Dome Cameras
- Various Accessories



- Bullet / Box Cameras
- High-Speed Dome Cameras
- Thermal Imaging cameras
- Bullet / Dome Cameras
- Various Accessories



- Recorders
- Commands and Controls
- Monitors
- Video Switching / Matrix
- Power Supply / Network





Industrial System Solutions

Cable assemblies

- Connecting Cables
- Flat Cables
- Industrial PC Lines
- Supply Lines
- Signal Lines

Cable Accessories

- Cable Harnesses
- Molded Cable
- Sealed Systems
- Strain Relief Boots
- Connecting Cables

Cable Systems

- Sensor Systems
- Remote Control Lines
- Chains
- Robot Connection Cables
- Spiral Cables

Assemblies

- Operational Controls
- Control Devices
- Inverter Housing
- Junction Boxes
- Terminal Boxes





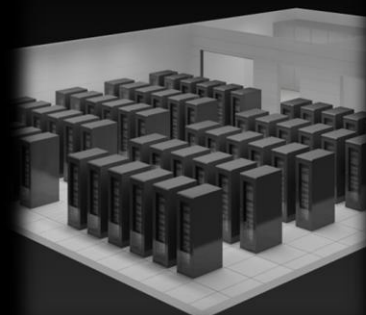
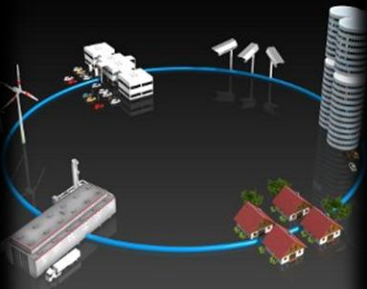
High-End System Solutions

Structured Cabling

- Copper Cabling Systems
- Fiber Optic Cabling Systems
- 19" Rack Systems

Data Center Cabling

- MTP/MPO Trunk Cable Systems
- LED - Duplex Jumper and Copper Cables (Cat.7)
- 19" Server Cabinet Systems





National & International Manufacturing



- Copper cable manufacturing
- Copper cable assembling
- Fiber optic cable manufacturing
- Fiber optic cable assembling
- 19" Rack cabinet manufacturing & assembling
- Cable harness production
- Modules assembling
- Special cable assembling / Cable accessories



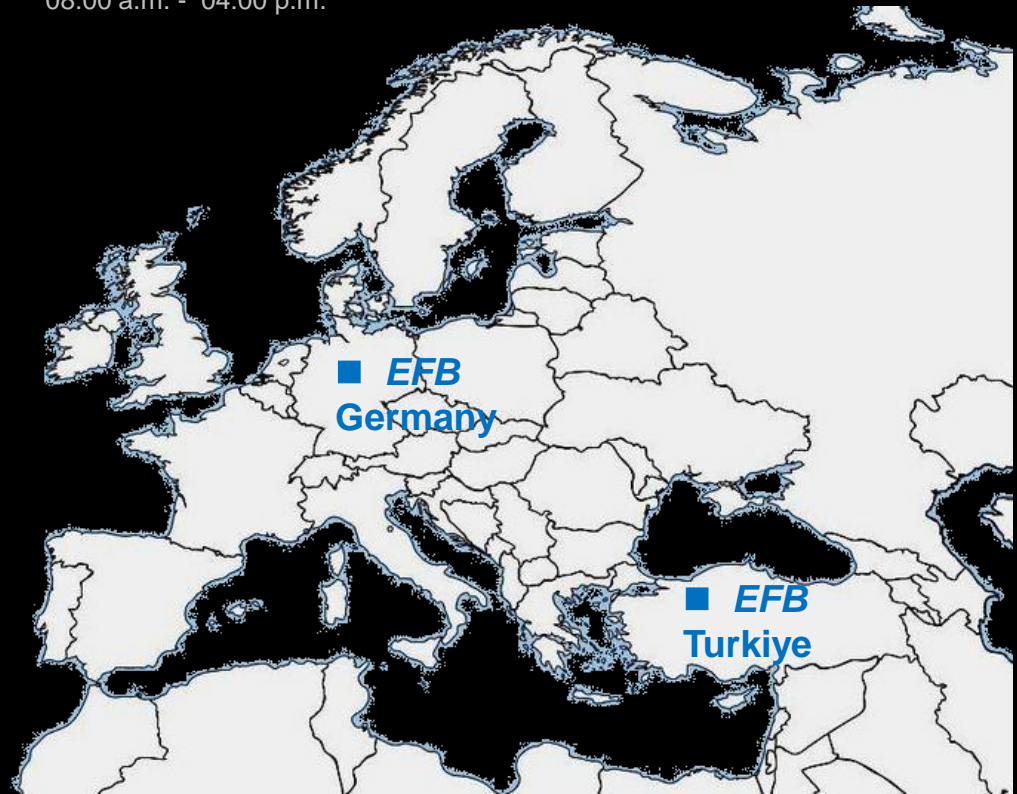


National & International Sales

Opening Hours

Mo. to Th. 08:00 a.m. - 06:00 p.m.

Fr. 08:00 a.m. - 04:00 p.m.





EFB Services

Catalogues and Flyer

All catalogues of data & networking technology, video surveillance technology and industrial components are simply unbeatable and every time up-to-date.

Webshop

All product images and description and information about prices, availability, order status, data sheets are available in the web shop: www.efb-elektronik.de.

Workshops

We can train and certify on structured cabling system ECOLAN® and on latest technologies in cabling systems in copper and fiber optic.

Configurators

Useful Tools as well as for an easy product finding and for a quick product or truck-loading compilation with rack systems.





Typical Projects



Typical projects in which we succeed

- Municipality projects
- Banking
- Insurance companies
- Hospitals
- Universities
- Schools
- Telecommunication Providers
- System integration
- Server farms and Data Centers

