

TECHNOLOGY IN CONNECTORS™ -
DESIGNED TO PERFORM

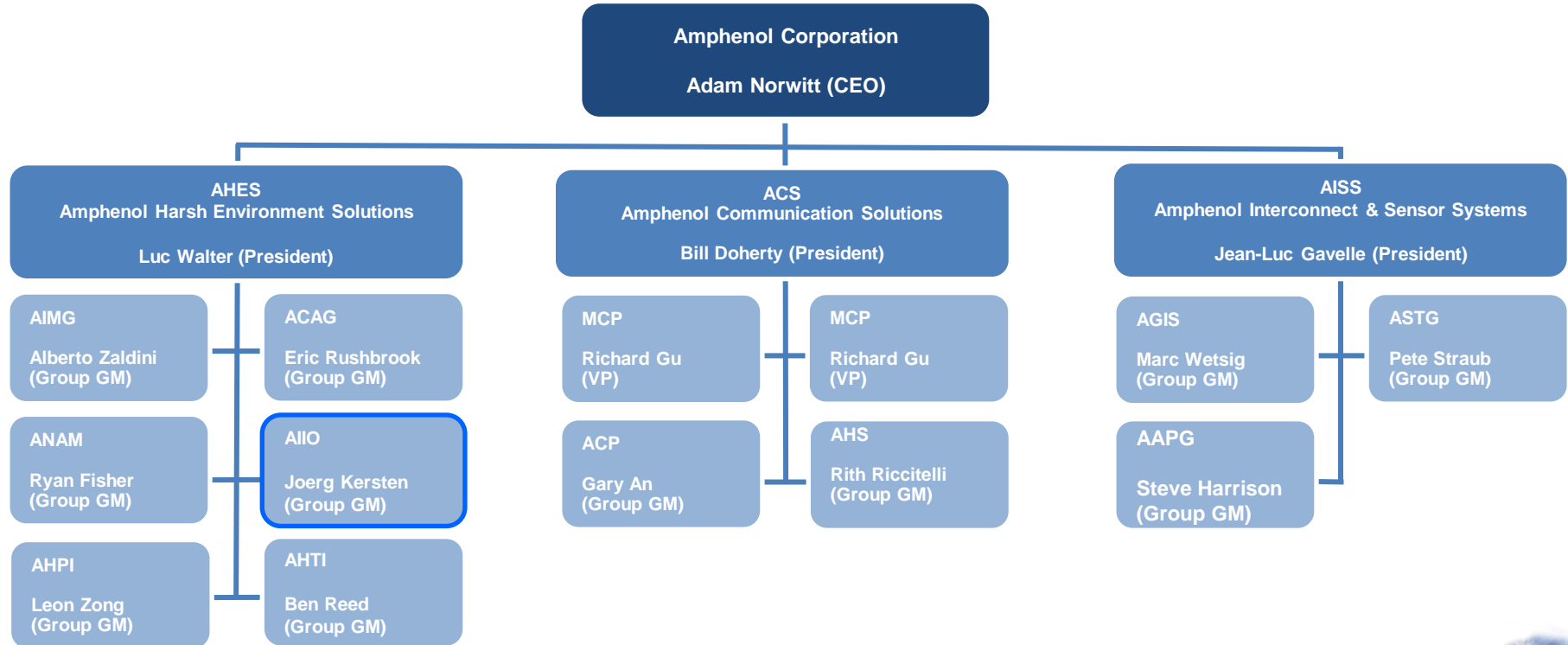
WELCOME



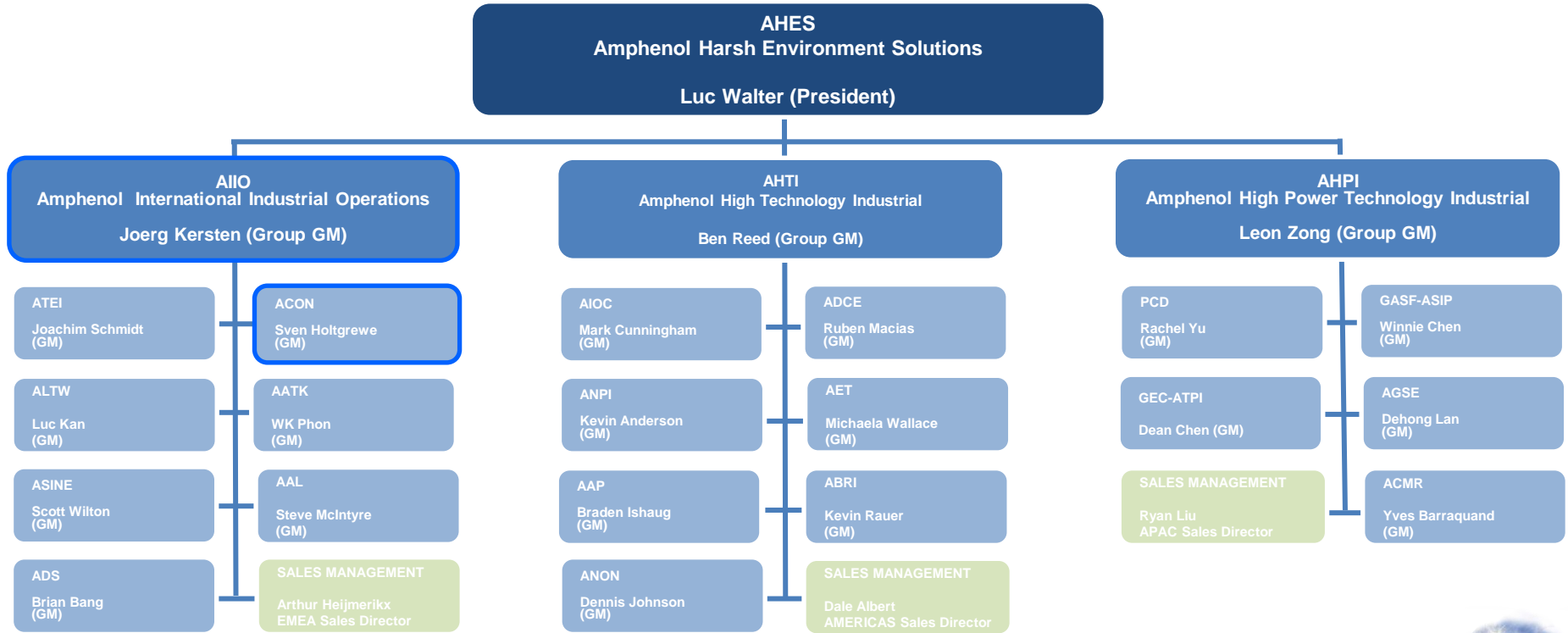
CONEC GROUP

HEADQUARTERS:
CONEC Elektronische Bauelemente GmbH, Lippstadt, Deutschland

Amphenol Corporation Division Structure



Amphenol Harsh Environment Solutions (AHES) Structure - Industrial



The group CONEC at a glance

- 1978 Foundation of CONEC Elektronische Bauelemente GmbH
- Owner managed Company until 2019
- Since June 2019 part of the Amphenol Group
- Managing director Sven Holtgrewe
- Managing director Richard Adam Norwitt
- Managing director Craig Anthony Lampo
- Headquarters with research and development center in Germany
- Production centres in Germany, Czech Republic, Slovakia, Canada and Mexico
- Subsidiaries in Canada, China, Czech Republic and Poland
- More than 1,100 employees worldwide



History



- 1978 - Founded in Lippstadt/Hörste
- 1980 - Start of production DIN EN 60603
- 1985 - Start of production D-SUB filter connectors
- 1990 - Establishment of CONEC Corporation, Canada
- 1996 - Establishment of CONEC s.r.o., Czech Republic
- 2000 - Establishment of CONEC Polska Sp. z o.o.
- 2005 - Development circular connectors
- 2006 - Establishment of CONEC (Shanghai) Int. Trading Co. Ltd., China
- 2011 - Expansion production area in Lippstadt by 2,500 m²
- 2016 - Development CONEC Hybrid connectors
- 2017 - Expansion production and office area in Lippstadt by 3,000 m²
- 2019 - CONEC becomes part of the Amphenol Group
- 2021 - Opening of the production site in Giraltovce, Slovakia
- 2023 - Opening of the production site in Nogales, Mexico



Employees

Department	Number of people
Research & Development	27
Produktion	905
Marketing / Sales	38
Quality Management	20
Logistics	44
Administration	76
Worldwide	> 1,100



Headquarters Lippstadt

Global Research & Development Department

Production site of high-tech products like:

- Hybrid connectors
- Sensor Actor Line circular connectors
- Connectors for agricultural and construction machines
- Customized products



Production sites Czech Republic & Slovakia



CONEC Slovakia



CONEC
Czech Republic



North America

Proximity to customers

- Series production
- Customized products for North America
- Support and service of local market



CONEC Corporation, Canada

Production site Nogales, Mexico



A Company View

Competence in development and manufacturing



Synthetics injection molding plant



Operating resources



Turning machines



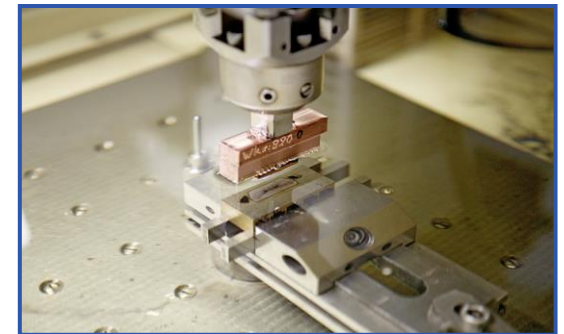
R&D & Sales



A Company View

In-house production depth

- Own tool manufacturing with modern equipment
- Wire eroding machine
- Trimming eroding machine
- CNC-Milling machine
- Vertical injection molding machinery



Quality management, certificates and approvals

CONEC works according to the Total Quality Management

- DIN EN ISO 9001 : 2015
- UL listed
- CSA certified
- VDE tested



**Underwriters
Laboratories**



Global presence



Sales & Manufacturing Operations	Sales	Produktion
HQ, CONEC Elektronische Bauelemente GmbH, Germany	CONEC Corporation, Sales USA	CONEC Slovakia
CONEC Corporation, Canada	CONEC Polska Sp.z o.o.	CONEC Mexico
CONEC s.r.o., Czech Republic	CONEC (Shanghai) Int. Trading Co. Ltd., China	



CONEC Representatives


 **Österreich**
 BURISCH ELEKTRONIK BAUTEILE GMBH

 **Belgien**
 AVNET EUROPE BV

 **Dänemark**
 ELTECH SOLUTIONS A/S

 **Finnland**
 YLEISELEKTRONIIKKA OYJ

 **Italien**
 ELSAP S.P.A.


 **Malaysia**
 OCTOGRAM TECH. PTE. LTD.
 FGT ASIA PTE. LTD


 **Spanien**
 T.C. COMPONENTES S.L.

 **Japan**
 GLOBAL ELECTRONICS
 PSC PARTS SUPPLY CENTER CO.LTD


 **Israel**
 TRANSELECTRIC Y.A. LTD.

 **Brasilien**
 MERCANTILE COM. E REP. LTDA

 **Thailand**
 OCTOGRAM TECH, PTE. LTD.
 FGT ASIA PTE. LTD

 **Süd Korea**
 PANKO TRADING CO.
 MAHANI Electric CO. LTD.

 **Niederlande**
 INTRONICS BV

 **Großbritannien**
 IN2CONNECT LTD.
 JACAREM LTD.
 NORTHERN CONNECTORS
 LTD.
 MBS COMPONENTS
 LIMITED

 **Puerto Rico**
 RAM ELECTRONIC SALES INC.

 **Singapur**
 OCTOGRAM TECH, PTE. LTD.
 FGT ASIA PTE. LTD

 **Schweden**
 ENCITECH CONNECTORS AB

 **Schweiz**
 COMONA AG

 **Norwegen**
 EG COMPONENTS NORWAY AS

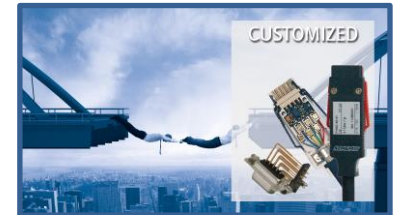
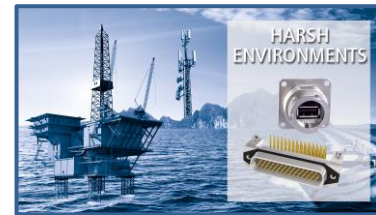
 **Türkei**
 SANIL TEKNİK

 **Estland**
 YEINTERNATIONAL AS

 **Südafrika**
 HICONNEX



Applications using CONEC connectors



Circular Connectors



BENEFITS

- Connectors overmolded
- Connectors field attachable
- Sockets
- Panel plugs
- High Temperature connectors
- BUS-Systems
- Power Connectors
- Junction systems
- Enclosure technology
- Accessories
- Compact design of field attachable connectors
- High variety of device connectors
- Series M12x1 with bayonet quick locking



CONEC Hybrid Connectors



BENEFITS

- Size: B12, B17, B23, B40
 - Connectors overmolded
 - Connectors field attachable
 - Receptacles
- Quick assembly of bayonet lock system
 - Transfer of data and power through one connector
 - Different sizes for different performance classes of drives



Connectors for agricultural and construction machines



BENEFITS

- **AT/DT** connectors
- ATM connectors
- Superseal connectors
- ISOBUS connectors
- Junction system size S,M, L
- M12x1 connectors with colored plastic nut/screw
- CPC connectors
- HDSCS connectors
- Degree of protection IP67/IP69K
- Integrated LED and surge protection (DT)
- Modular junction system for almost all requirements



D-SUB Connectors



BENEFITS

- D-SUB
- D-SUB High Density
- D-SUB Combination
- D-SUB Filter
- D-SUB Filter Combination
- Hoods & Accessories
- CONEC SnapLock
- Assembly tools
- Precision machined contacts
- Quick assembly of the SnapLock system
- Large variety of D-SUB connectors



IP67 D-SUB Connectors



BENEFITS

- IP67 D-SUB
- IP67 D-SUB High Density
- IP67 D-SUB CONEC Solid Body
- IP67 D-SUB CONEC SlimCon
- IP67 Combination D-SUB
- IP67 Filter D-SUB
- IP67 Hoods & Accessories
- Assembly tools
- Smallest IP67 D-SUB connector (CONEC SlimCon)
- Resistant zinc die-cast shell in Solid Body and SlimCon series
- Compact design of IP67 hoods



IP67 RJ45 / USB / Mini USB / Fiber Optic / Power Bayonet



BENEFITS

- RJ45
- IP67 RJ45
- IP67 USB / Mini USB
- IP67 Fiber Optic LC Duplex
- IP67 Power Bayonet
- Fiber Optic Adapters
- Accessories
- Quick assembly of bayonet lock system
- 1 housing, 3 different connectors
(RJ45, USB, LC Duplex)



PCB Connectors



BENEFITS

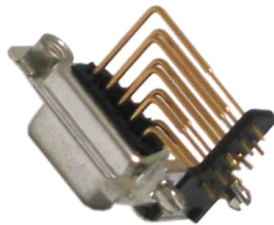
- AdvancedTCA
- MicroTCA
- CompactPCI
- DIN EN 60603-2
- Combination DIN EN 60603-2
- PC104 / PC104plus
- DIN 41617
- DIN 41651
- Assembly tools
- The only manufacturer of DIN 41617 series
- Quick implementation of custom specific requirements of different contact positions



Development and production of customized solutions



Aluminum housing with special crimp solution



Space saving D-Subminiatur solution for enclosure

Fieldbus Communication System



Inflight Entertainment System



Female connector M12x1 special screw connection



References



Thank you for your kind attention!



SUCCESS

Even with many small wing beats
great things can be achieved.

Author unknown

