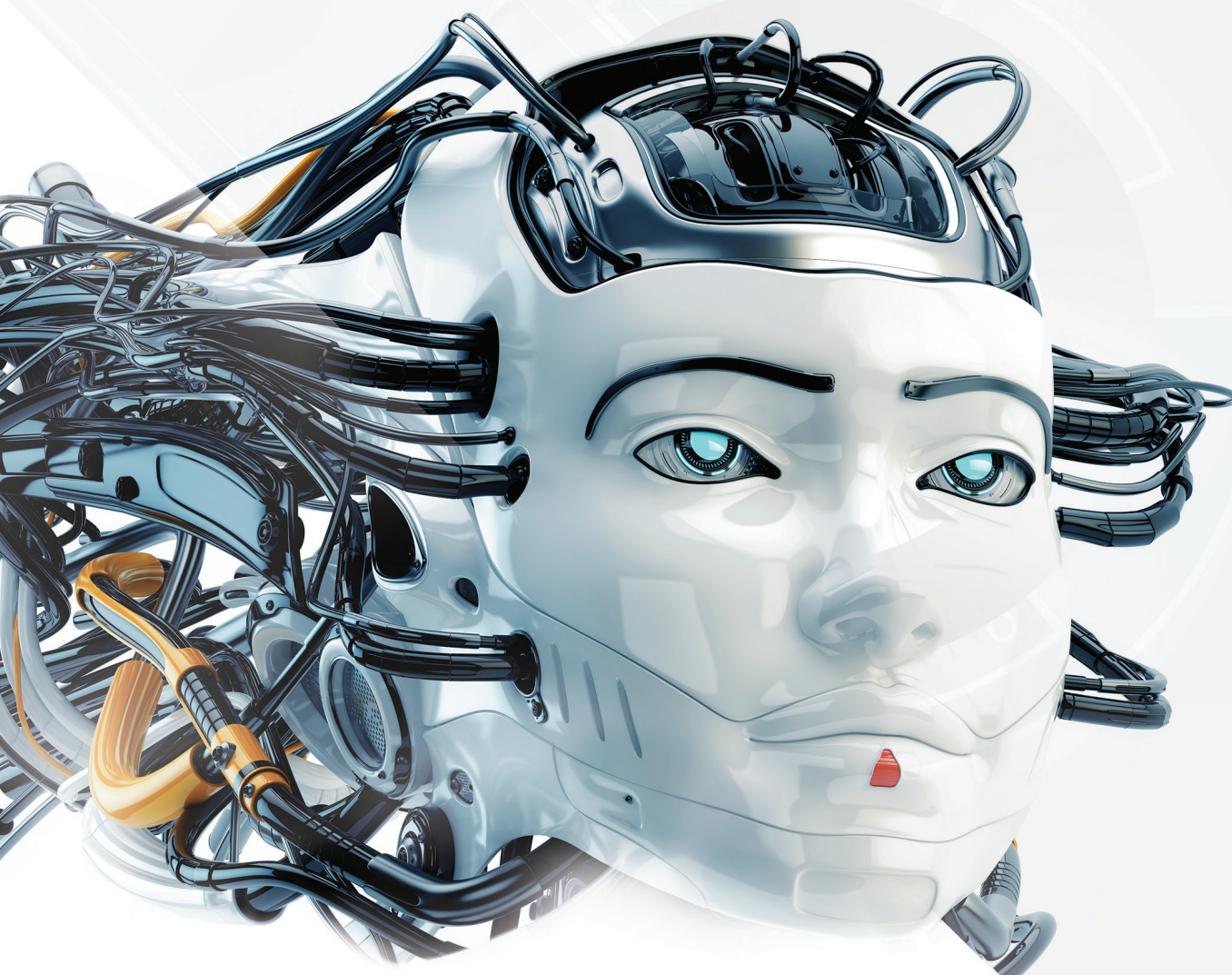




# **RayService**

**POWERFUL  
CONNECTIONS**



**SOLUTIONS  
FOR ELECTRICAL  
SYSTEMS**



# System integrator and distributor of electrical components

## Electrical Components

### Connectors and backshells

- connectors according to VG96912, MIL-DTL-38999 Series I, II, III and other MIL and industrial standards
  - D-Sub, Push-Pull, power connectors
  - modular, data and multipin connectors
  - circular connectors type ŠR, RM, VŠ, BŠ
  - RF Coaxial connectors and backshells
    - connectors accessories – contacts, backshells, covers, sealings

**AIRBORN, AMPHENOL, CONESYS, DEUTSCH, EMCA, ITT CANNON, LEMO, MTCONNECTIVITY, POLAMCO, RADIAL, SOURIAU, SUNBANK, TE CONNECTIVITY, VAN SYSTEM**



### Identification

- heat shrinkable identification tubing including EN 45545-2 materials
- self-laminating etiquettes and labels
- thermotransfer printers, ribbons and printing software
- laser and ink-jet wire marking
- implementation of marking technology at the customer
- custom marking

**BRADY, TE CONNECTIVITY**



### Heat-shrink tubing

- tubes for demanding applications and industrial use
  - tubes without adhesive, with adhesive, thin wall, thick wall
    - shrink edgings and repair sleeves
  - high temperature and chemical resistance
- flame retardant and zero halogen tubing (EN 45545-2)
  - custom length cutting, customer sets

**DSG-CANUSA, HELLERMANN TYTON, RAYCHEM, SUMITOMO, TE CONNECTIVITY**





## Components for energetics

- MV/LV terminals and connectors
- connection and sealing systems
- shrink tubes and repair sleeves
- high voltage cable accessories

**TE CONNECTIVITY**

## Non-shrink tubing, braided sleeving and screening braid

- wraparound or expandable protection sleeving
  - PVC, PES, PA, fiberglass
- EMC shielding braid supplied on PVC carrier (Cu/Sn, Cu/Ni, stainless steel)
- custom machine braid (Cu/Sn, Cu/Ni, Nomex, PVC)

**FEDERAL MOGUL, RELATS, TE CONNECTIVITY**



## Molded parts and adhesives

- heat shrinkable molded parts with or without adhesive
- cable - connector boots, cable transition and caps
- one-component heat melted adhesives, two-component adhesives

**HELLERMANN TYTON, LOCTITE, RAYCHEM, TE CONNECTIVITY**



## Wires and cables

- wires and multicore cables according to VG, MIL, aerospace and industry specifications
  - M22759, M81044, M16878, M27500, VG95218, EN 45545-2 and more
  - high power, data, RF cables
    - shielded versions
  - wide range of mechanical, thermal and chemical resistances
  - custom multicore cables

**HABIA CABLE, HARBOUR INDUSTRIES, NEXANS, RADIAL, TE CONNECTIVITY, THERMAX,**



## Shield termination, terminals and splices

- heat shrinkable solder splices
- crimping splices with heat shrinkable insulation
- solder and crimp cable lugs, fastons, wire end ferrules

**ELPRESS, RAYCHEM, TE CONNECTIVITY**



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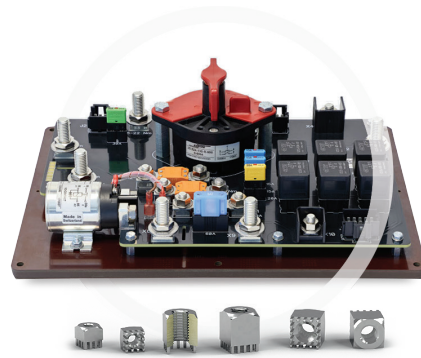
**POWERFUL CONNECTIONS**



## Elements for PCB mounting

- circuit breakers
- power terminals for PCB
- fuse holders, relay sockets (ATO, Mini, Maxi)
- connectors and contacts

**CROUZET, MTCONNECTIVITY, RADIAL**



## Tools for cable assemblies

- crimp tools and positioners
- assembling and disassembling tools for connectors
- heat guns
- thermoelectric wire strippers

**DMC, GUILBERT EXPRESS, MEISEI TOOLS**

## Relays and switches

- electromechanical and electronic relays
- circuit breakers
- RF and microwave switches
- safety and emergency switches
- rocker switches
- battery disconnectors

**CROUZET, E-T-A, HONEYWELL, RADIAL**



## Measurement of physical quantities

- sensors for motorsport
- converters
- amplifiers

**TEXYS, HONEYWELL**



## Optical cables and connectors

- fiber optics termini
- optical connectors
- optoelectronic components
- optical cable assemblies

**RADIAL**





## System products



### Leak detection and location system

- high leak detection accuracy
- leak detection of water, gasoline, diesel and other chemicals
- modularity and 3<sup>rd</sup> party output PSIM systems integration
- installation, commissioning and service

NVENT

### Perimeter intrusion detection systems

- suitable on all common types of fencing
  - extremely low nuisance alarm rate
  - high detection accuracy
- modularity and 3<sup>rd</sup> party PSIM systems intergration
  - Installation, commisioning and service

SIEZA



### Mobile light towers

- light flux up to 10 000 lm
- battery power
- high mobility and easy installation

## Manufacturing competencies

### Engineering and production of cable harnesses and electro-mechanical assemblies

- built to print services
- built to specification services
  - reverse engineering
- custom electronics R&D and production



### Custom solutions

- custom length cutting of material
- customer sets, packaging or labeling
- custom marking of tubing and wires
- custom modification of catalogue parts
- custom multicore cables



## Modern Czech company

Ray Service with its headquarters in Staré Město, Czech Republic is an international innovative manufacturer of cable harnesses, electromechanical assemblies and electronic equipment. It is also a **distributor and integrator of electrical components and system products**. Thirty years of experience and intensive development have resulted in a robust and modern enterprise, a reliable and sought-after partner on an international level.

## Renowned system integrator of electrical components

The Ray Service company is a renowned system integrator and distributor of many world manufacturers of electrical components – such as **TE Connectivity, ITT Cannon, Radiall, Habia Cable, Elpress** and others. The company has been successful and proved reliable in the highly demanding military, aerospace and transportation markets.

## Partners

**AIRBORN**, AMPHENOL, APITECH (SPECTRUM CONTROL), **BRADY**, CONESYS, CROUZET, DEUTSCH, DMC, DSG-CANUSA, **ELPRESS**, **EMCA**, FEDERAL MOGUL, **FISCHER CONNECTORS**, GUILBERT EXPRESS, HABIA CABLE, HARBOUR INDUSTRIES, HELLERMANN TYTON, **HEW-KABEL**, ITT CANNON, **LEMO**, LOCTITE, **MEISEI TOOLS**, **MTCONNECTIVITY**, NEXANS, NVENT, POLAMCO, **RADIAL**L, RELATS, **SIEZA**, SOURIAU, SUMITOMO, SUNBANK, TE CONNECTIVITY, **TEXYS**, THERMAXTEM, **VAN SYSTEM**

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