

THE WORLD OF LAPP

Automation & Network at a glance



3,200 employees worldwide, 18 production sites around the globe, 40 sales companies and around 100 local branches abroad – when it comes to the size and importance of a company, numbers often speak louder than words.

Despite all this international growth, the consortium founded in 1959 is to

this day family-owned – and based in Stuttgart, where it was founded.

We are one of the leading providers of integrated solutions and branded products for cable and connection technology based in Stuttgart, and in our portfolio you will find the right solution for virtually every application: whether it be simply cable or highly

flexible cable; industrial connectors or screw technology; customised system solution, automation technology or technical accessories.

Brand quality from Stuttgart



ÖLFLEX®
Power and control cables



UNITRONIC®
Data communication systems



ETHERLINE®
Data communication systems for ETHERNET-Technology



HITRONIC®
Optical transmission systems



EPIC®
Industrial connectors



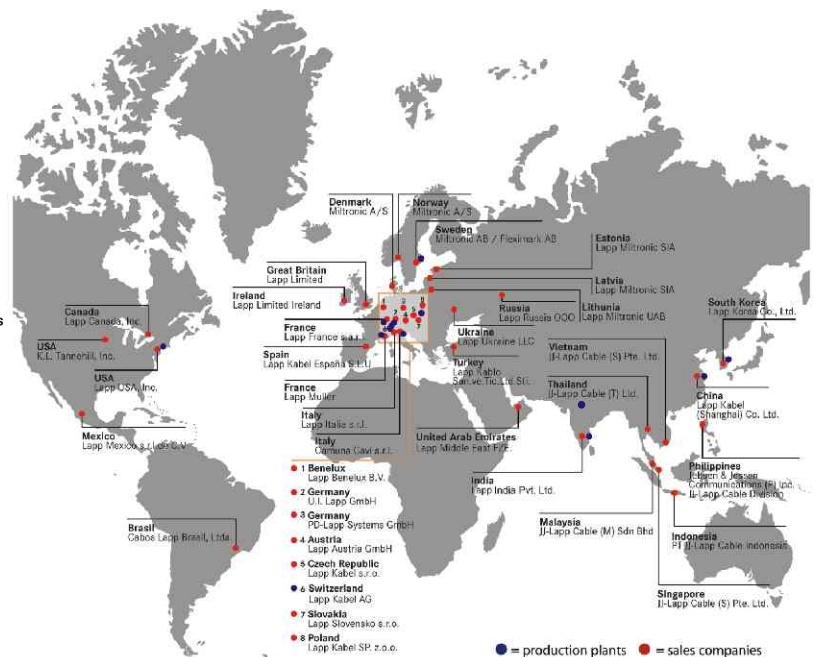
SKINTOP®
Cable glands



SILVYN®
Protective cable conduit and cable carrier systems



FLEXIMARK®
Cable marking systems



LAPP INDIA

RELIABLY CONNECTING INDIA

Lapp India is a 100% subsidiary of the Lapp Group. Having started its operations in 1996, Lapp India provided in 2015 about 140,000 km per year of power, control, data, instrumentation, cables along with connectors, accessories and EndtoEnd Systems. Lapp India caters

to over 3500 active customers pan India spread across different industry segments such as automation, textile, automotive, machine tools, oil and gas, renewable energy, process industries, as well as in the infrastructure and building sectors.

- 2 state-of-the-art manufacturing units - Bangalore and Bhopal
- 23 Sales offices close to customers all over India & 5 service points.
- 300 employees committed to best serve customers
- Strong network of 140 + dealers
- 5 Warehouses
- Fully fledged technology and innovation center



Jigani, India



Testing Facilities



EndtoEnd System Facility

Trust is good. Testing is better.

Welcome to the Lapp lab

Our laboratory is a fundamental part of the technical development at U.I. Lapp GmbH. International test orders from the entire Lapp Group are carried out here in Stuttgart. Whether it be inspections on cables, cable glands or connectors.

Example: In order to ensure reliable use in drag chains or robots, our highly flexible cables are tested here for their suitability for continuous flexing uses.

In the Lapp laboratory, newly developed products are put through their paces, while others are prepared for approvals. Series products are also checked on the test bench to ensure a consistently high level of quality, and customised resistance tests are carried out.

What we're best at testing:

- **Heat, cold and climate tests for ageing resistance**
- **IP Protection Rating tests**
- **Static and dynamic pulling protection testing**
- **Resistance tests**
- **Application related inspections**
- **Carrying out electrical tests**
- **Materials analyses**
- **Climatic tests**

You make demands – we provide the answer

Your demands are as high as ever – our developments fulfil even the highest quality requirements. Because our branded products – varied as they may be – always include two inherent components: expertise and innovation.



Recipe for success – in-house production

Our developments also belong to us. That's why we manufacture our products at Lapp Group locations. We focus on our own global manufacturing competence at 18 production facilities – whether in America, Europe or Asia.

For us, good is not good enough

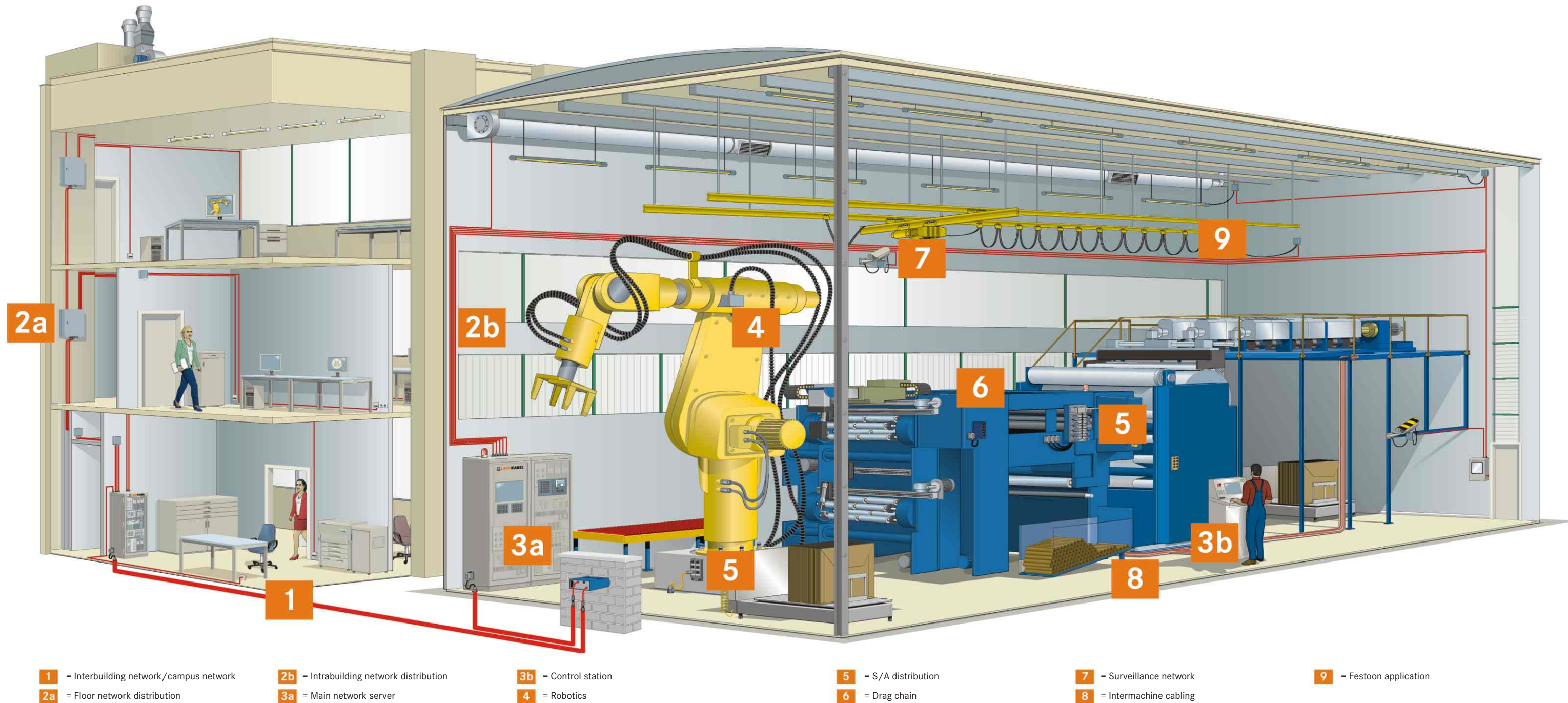
We ourselves are our sharpest critics. Our products are therefore subjected to unique quality standards, which go far beyond the standard requirements that are generally applicable. This is how we ensure our customers always get the best quality.

Customised tests for all our customers – including you

Special applications require special test runs. We are delighted to put your products to tests which have been determined by you. This ensures that you get the right answer for your individual demands.

One partner for all applications

Welcome to the World of Automation & Network.
Solutions by Lapp: Sound in places you wouldn't think to look for them.



Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Data

Lapp product offerings for Automation:



EPIC® Data PROFIBUS Connectors 90° Screw Terminals **3b**



EPIC® Data PROFIBUS Connectors 90° M12 **3b**



EPIC® Data PROFIBUS Connectors 90° Fast Connect **3b**



EPIC® Data PROFIBUS Connectors 35° M12 full-metal **3b**

EPIC® Data optical link module **3b**

UNITRONIC® BUS



UNITRONIC® BUS PB – PROFIBUS **8**



UNITRONIC® BUS PB FD P FC – PROFIBUS high flexible **6**



UNITRONIC® BUS PB FESTOON – PROFIBUS **9**



UNITRONIC® BUS PB TORSION – PROFIBUS **4**



UNITRONIC® BUS CAN – CAN and CANopen **8**



UNITRONIC® BUS CAN FD P – CAN and CANopen high flexible **6**



UNITRONIC® BUS ASI FD – AS-Interface high flexible **6**



UNITRONIC® BUS ASI – AS-Interface **5**

HITRONIC®



HITRONIC® POF DUPLEX PE **8**



HITRONIC® DUPLEX/SIMPLEX **8**



HITRONIC® DUPLEX/SIMPLEX FD **6**



HITRONIC® PCF DUPLEX FD **6**



HITRONIC® HDM Reel **9**



HITRONIC® HRM-FD (Flexible) **6**



HITRONIC® HQW Armoured Outdoor **1**



HITRONIC® HUN Universal **1**



HITRONIC® HRH Breakout **2a 2b**



GOF Patchcord **3a**

UNITRONIC® Fieldbus



BUS M12 connectors that can be assembled **3a 3b 6 8**

Field mountable S/A connectors M12 **5**



S/A cable: M12 connector on M8 socket **5**



S/A cable: M12 socket on free conductor end **5**



S/A M12 flush-type connectors with M16 fastening thread **3a 3b**



AS-Interface Distributor **5**



Valve connector to M12, with integrated interference elimination and LED **5**



M12 Y cable, PUR, for drag chain, UL-approved **5 3b**



PROFIBUS I/O Modules **5**



CANopen I/O Modules **5**



AS-Interface I/O Modules (IP67) **5**



S/A-box with M12 slots and master cable **5**



AS-Interface I/O Modules (IP30) **5**

ETHERLINE®

LAPP KABEL STUTTGART UNITRONIC® LAN 1000 MHz S/FTP CAT.7 PE 4x2x23AWG/1

UNITRONIC® LAN OUTDOOR **1**

LAPP KABEL STUTTGART UNITRONIC® LAN 200 MHz F/UTP CAT.5e Y 4x2x20AWG/7

UNITRONIC® LAN FLEX **2a**

LAPP KABEL STUTTGART UNITRONIC® LAN S/FTP 1500 MHz Cat.7A

UNITRONIC® LAN 1500 S/FTP Cat.7A **2a**

LAPP KABEL STUTTGART ETHERLINE® P FLEX CAT.5e

LAPP KABEL STUTTGART ETHERLINE® P FLEX CAT.5e

ETHERLINE® Cat.5e FD 2-pair/4-pair **6 7**

LAPP KABEL STUTTGART ETHERLINE® PN Cat.5 Y FLEX FC 2x2xAWG22/7

ETHERLINE® PN Cat.5 **3a 3b**

LAPP KABEL STUTTGART ETHERLINE® PN Cat.5e Y 2x2xAWG22/1

ETHERLINE® PN Flex **3a 3b 8**

LAPP KABEL STUTTGART ETHERLINE® FD P CAT.5e

LAPP KABEL STUTTGART ETHERLINE® FD P CAT.5e

ETHERLINE® Cat.5e Flex 2-pair/4-pair **2b 3a 3b 8**

LAPP KABEL STUTTGART ETHERLINE® PN Cat.6_A Y Flex

ETHERLINE® Cat.6_A Flex **2b 8**

LAPP KABEL STUTTGART ETHERLINE® FD P FC Cat.5 2x2x22AWG

ETHERLINE® PN Cat.5 FD **6**



ETHERLINE® CAT.6 FD **6**



Industrial Ethernet Patchcord **3a 3b 8**



Module RJ45 fieldmountable **3a 3b 6**



Connector RJ45 Cat.6_A fieldmountable **3a 3b 6**



Connector RJ45 angled Cat.6_A fieldmountable **3a 3b 6**



Connector M12 x-coded Cat.6_A 10G fieldmountable **4 7 8**

ÖLFLEX®

UNITRONIC®

ETHERLINE®

HITRONIC®

EPIC®

SKINTOP®

SILVYN®

FLEXIMARK®

 /lappindia



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 **LAPP GROUP**