Find Faults Fast
Reduced outage times

NORTROLL

FIND FAULTS FAST

NORTROLL 30 years 1977 - 2007

NORTROLL
towards the future

Nortroll is a leading manufacturer of fault passage indicators and remote control systems that are supplied to electricity utilities worldwide.

The electric utility industry is experiencing an increasing demand for a more efficient and cost-effective operation of the distribution network.

De-regulation, competition, demands for better quality of supply and penalties for non-supplied energy becoming an everyday challenge for electricity distribution companies.

A reliable energy supply is a must in all societies today. We are able to offer a cost effective way of reducing the duration of power outages and improving the quality and security of electricity supplies.

We have gained considerable experience in the field of fault location and remote control in power distribution networks going back to the start in 1977.

Our company has the most up to date facilities and resources for research, design, production, testing, delivery, aftersales, service and support.

Our products today are the result of continuous research, development and operation in the field to produce the most reliable and cost effective fault finding systems available in the market today.

All products are designed to operate in the most extreme climatic conditions with highest reliability and performance with minimum maintenance in the field.

1977
Jostein Gjermstad Elektronikk founded and the KBX-1 fault indicator introduced

1980
Company name changed to Nortroll

KBX-3R fault indicator for underground cable

1982
Remote control system based on Low power radio

1983
KBX-10 with Di/Dt adaptive sensing technology

1985
KBX-111 pole mounted fault indicator

1988
Export exceeds 50% of total turnover

1992
Cable Troll and LineTroll fault indicator range

1996
New headquarters

New communication protocol for the remote control system based on LonWorks technology

1997
NetTroll remote control, monitoring and automation software

2000
Indicators with new sensing technology for networks with compensated neutral

2005
Communication modules for indicators

2006
New range of CableTroll fault indicators

2007
More than 500 000 indicators and 15000 RTU's for switches installed

Fault Passage Indicators

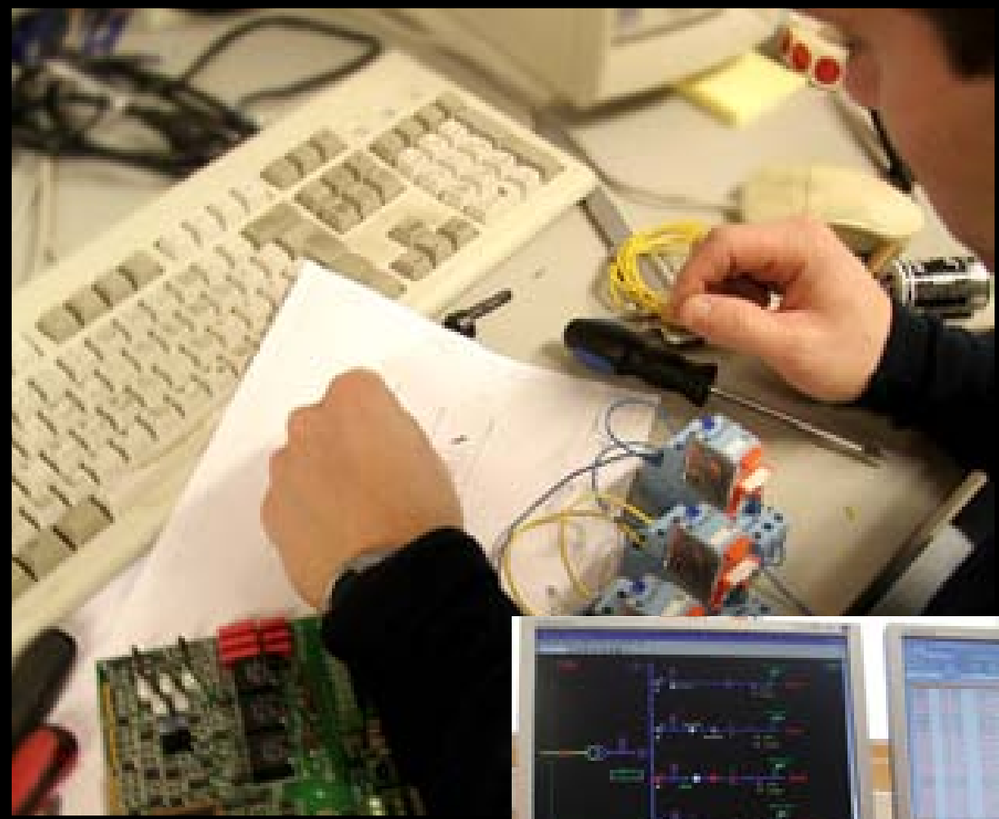
Our range of overhead and underground fault passage indicators, called LineTroll® and CableTroll®, are used to track down the location of a fault causing a loss of power supply to customers, as fast as possible. The indicators analyse the magnetic and electric fields set up by the fault current. When a fault occurs, the affected indicators are activated with a flashing light and can also send a fault message remotely.

Finding faults fast

Remote control and monitoring systems

Our range of remote control and monitoring equipment is called ComTroll®. It is a modular system comprising RTU's, outstations and base stations to provide remote monitoring and control of both overhead and underground switchgear. Designed to work with old existing switchgear or to be built into new systems, it is easy to install, operate and maintain whilst providing all the functionality of larger, more expensive SCADA systems.

Reduced outage times...



NORTROLL AS has been developing innovative products for fault finding and automation of electricity distribution networks since 1977. The company is a leading manufacturer of fault sensing equipment that improves supply reliability, profitability and personnel safety for electrical utilities.

With an integrated range of short-circuit and earth fault sensors, as well as remote control switching devices, the Nortroll system represents a new approach to the automation of power distribution.

Modern society is totally dependent on a reliable supply of electricity. Power outages are not only expensive and irritating for consumers and electricity boards, they can be dangerous and can even lead to loss of life. Nortroll offers a cost-effective way of reducing the duration of outages, thus improving the quality and safety of electricity supplies.