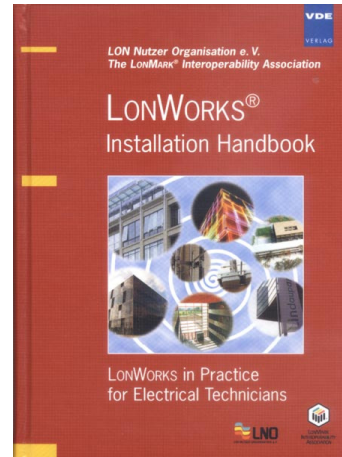


LONWORKS® Installation Handbook

The LONWORKS Installation Handbook (ISBN 3-8007-2687-4), translated from the German-language LonWorks Installationshandbuch, published in 2000, provides a practical introduction to decentralized LON automation networks and describes in detail its implementation in the most varied systems found in building automation, with particular reference to electrical installation. The book begins with an introduction to bus technology and to cross-system building automation. Following this, the LON environment is presented: from the technology provider and the interest groups dealing with the technology, through to details on hardware and software, protocols, nodes, communication principles and topology...and all this directly related to practice. A whole chapter is dedicated to installation guidelines, others deal with integration using customary tools. In the appendices, numerous Standard Network Variable Types (SNVTs) are defined, and common scenarios drawn from lighting technology, sun protection and single room control are comprehensively described.



A key factor in the decision to commission the translation of the LonWorks Installationshandbuch into English was the close co-operation between the LNO (LONMARK Germany) and LONMARK International. LONMARK enables the development of interoperable products for the seamless integration of multi-vendor systems based on LON networks. As the successful spread of LON is interconnected with the availability of LonMark interoperable products, it has become clear that LONMARK Germany (former LON Nutzer Organisation LNO) and LONMARK International are pursuing similar goals. The translation of the Installationshandbuch is one step on the way to a closer collaboration and widening of the LonWorks community. And so the English-language LonWorks Installation Handbook was born.

Target Group

The book is aimed at electrical engineers and specialists, installers, construction engineers and all those who plan, install, integrate or maintain building automation systems based on LON. Even developers and system integrators can benefit from the practical troubleshooting at the installation and implementation phases. It bridges the gap between classical teaching books, where modern building automation still hardly receives a mention, and the fundamental documentation on LON aimed primarily at developers and students.