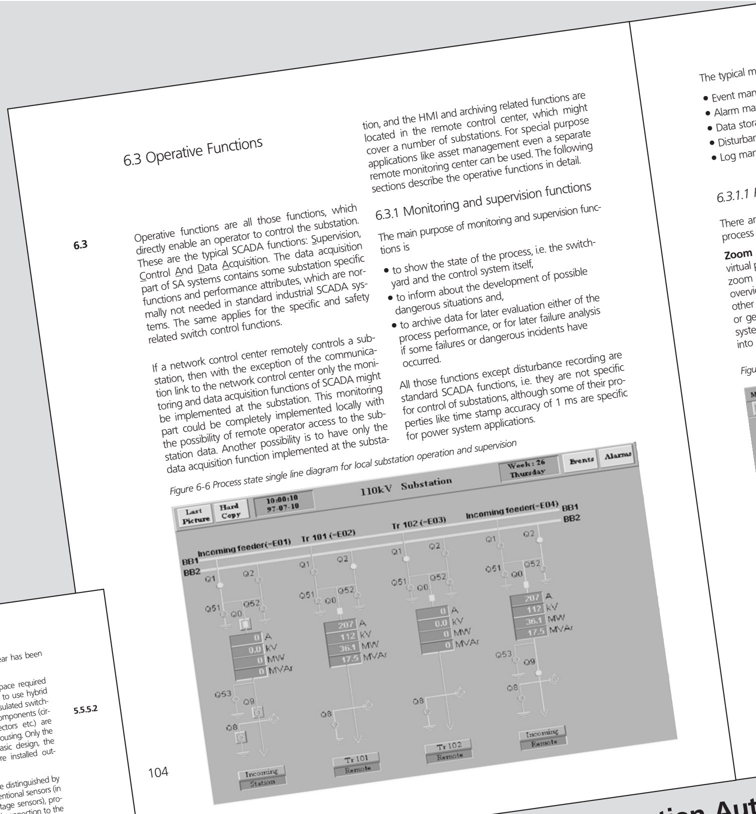
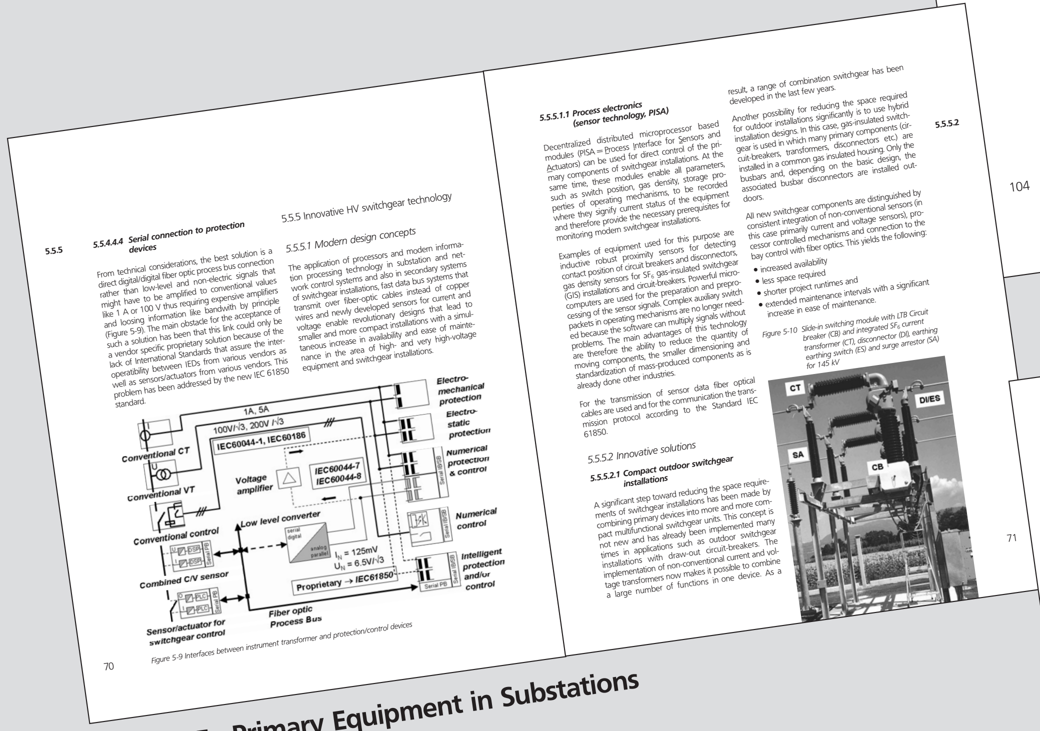
gement of power systems and primary equipment in substations and readers, who are more familiar with information technology (IT) and involved in the development, design, production, and application of modern IEDs intended to be used for SA.

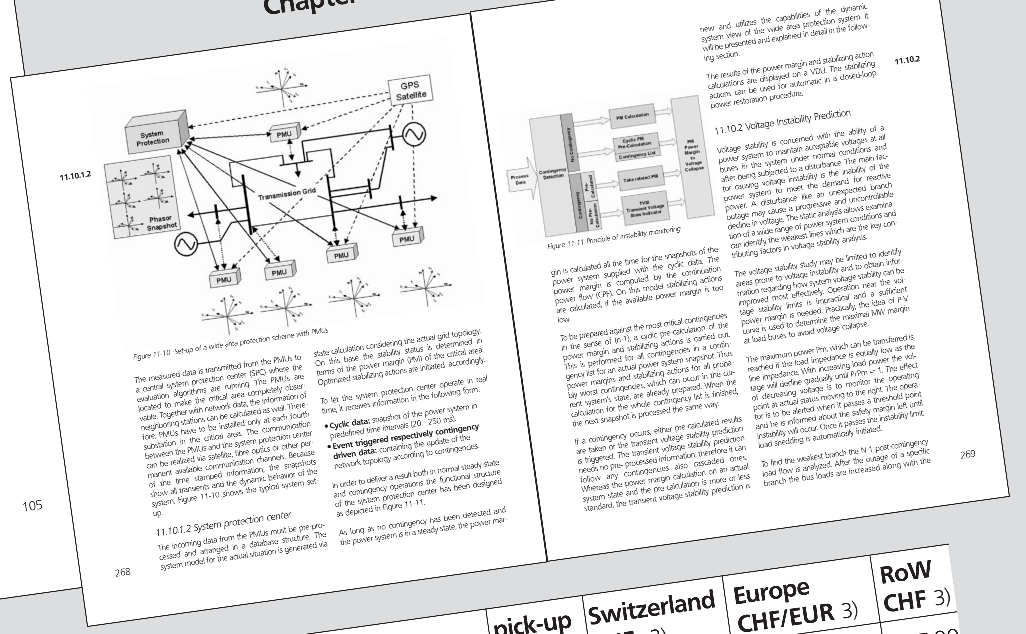
The authors share their vast experiences in the field of SA gained for more than 20 years and were personally involved with the development and implementation of a comprehensive platform for multipurpose control and protection IEDs as well as in the process to standardize the communication within substations, which has resulted in the new Standard IEC 61850.



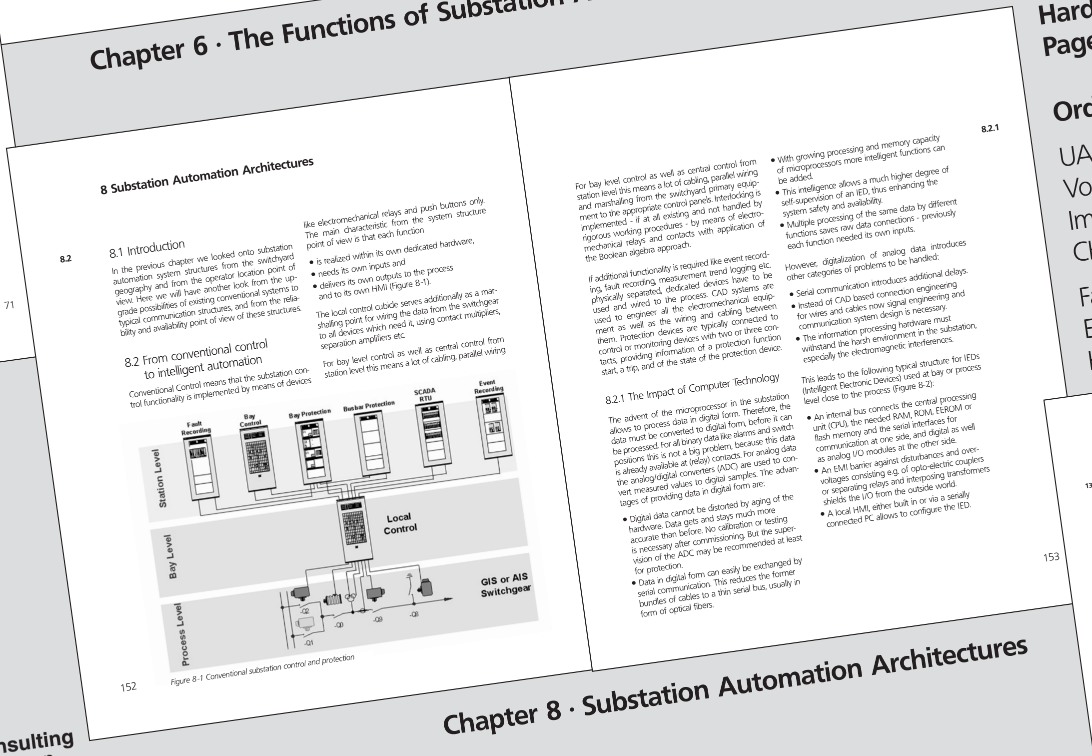
Chapter 6 · The Functions of Substation Automation



Chapter 5 · Primary Equipment in Substations



Chapter 11 · Wide Area Protection



Chapter 8 · Substation Automation Architectures

Apart from substation related issues, the SA Handbook highlights that the implementation of SA enables a new strategy related to wide area protection that counteracts multi-contingency disturbances in order to avoid power system collapse.

Hardcover · Format 21 x 25 cm
Pages: 397 · Images: 205

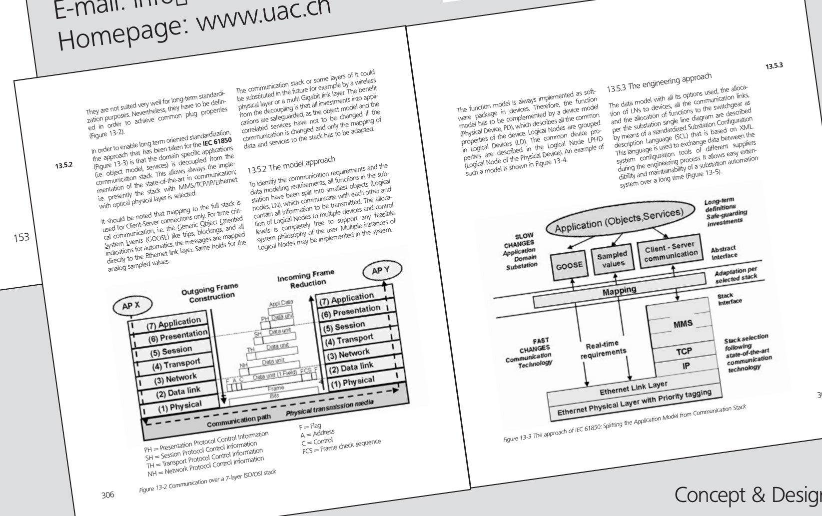
Pricing	pick-up CHF 1)	Switzerland CHF 2)	Europe CHF/EUR 3)	RoW CHF 3)
Book	120.00	130.00	145.00/95.00	165.00
CD-ROM 4)	50.00	55.00	65.00/45.00	75.00
Book & CD-ROM 4)	145.00	155.00	170.00/115.00	190.00

RoW: Rest of the World
1) at BUCHAIRCENTER, Schaffhauserstrasse 76, CH-8152 Zurich, or BUCHairSHOP, Visitor Deck Terminal B, CH-8058 Zurich Airport/Switzerland
2) includes parcel mail
3) includes delivery by DHL courier service
4) Publishing date of CD-ROM is 31-12-03, earlier purchase orders are accepted and CD-ROM will be delivered free of charge

Order address

UAC L
Volker Lohmann
Im Meyerhof 18
CH-5620 Bremgarten/Switzerland

Fax 0041 56 641 05 65
E-mail: info@ uac.ch
Homepage: www.uac.ch



Chapter 13
The System
Standard IEC 61850
for Substation
Automation

Utility Automation Consulting
Lohmann

Concept & Design: Kurth Winiger CH-8050 Zurich