1. Record Nr. UNINA9910970607503321 Autore Bailey David, BEng Titolo Practical SCADA for industry / / David Bailey, Edwin Wright Pubbl/distr/stampa Amsterdam; ; London, : Elsevier, 2003 **ISBN** 9786611222666 9781281222664 1281222666 9780080473901 0080473903 Edizione [1st ed.] 1 online resource (298 p.) Descrizione fisica Altri autori (Persone) WrightEdwin, B.Sc. Disciplina 670.4275 Soggetti Automatic data collection systems Supervisory control systems Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Contents: 1. Background to SCADA: 2. SCADA systems, hardware and Nota di contenuto firmware; 3. SCADA systems, software and protocols; 4. Landlines; 5. Local area network systems; 6. Modems; 7. Central site computer facilities; 8. Troubleshooting and maintenance; 9. Specification of systems; Appendix A: Glossary; Appendix B: Interface Standards; Appendix C: CITECT practical; Index Sommario/riassunto A SCADA system gathers information, such as where a leak on a pipeline has occurred, transfers the information back to a central site, alerting the home station that the leak has occurred, carrying out necessary analysis and control, such as determining if the leak is critical, and displaying the information in a logical and organized fashion. SCADA systems can be relatively simple, such as one that monitors environmental conditions of a small office building, or incredibly complex, such as a system that monitors all the activity in a

nuclear power plant or the activity of a municipal water sy