1. Record Nr. UNINA9910784329203321 Autore Bailey David, BEng Titolo Practical SCADA for industry [[electronic resource] /] / David Bailey, **Edwin Wright** Amsterdam; ; London, : Elsevier, 2003 Pubbl/distr/stampa **ISBN** 1-281-22266-6 9786611222666 0-08-047390-3 Descrizione fisica 1 online resource (298 p.) Altri autori (Persone) WrightEdwin, B.Sc. Disciplina 670.4275 Automatic data collection systems Soggetti Supervisory control systems Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Contents; 1. Background to SCADA; 2. SCADA systems, hardware and 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