Mobile Web services offer new possibilities and extraordinary rewards for the mobile telecommunications market.

Service-oriented architectures (SOAs) implemented with Web services are fundamentally changing business processes supported by distributed computing. These technologies bring forward the promise of services available at any time, in any place, and on any platform. Through mobile Web services, operators can offer new value-added services for their users, explore new business opportunities and increase revenue and customer retention. This expands the commercial opportunities for developers to promote their applications and enables solutions that work seamlessly across computer and mobile environments.

*Mobile Web Services* is a comprehensive, up-to-date and practical guide to adapting mobile Web services-based applications. The expert author team from Nokia explain in depth the software architecture and application development interfaces needed to develop solutions for these technologies.

*Mobile Web Services: Architecture and Implementation*:

- Provides a complete and authoritative text on implementing mobile Web services.
- Describes the mobile Service-Oriented Architecture (SOA) concept.
- Covers the discovery, description and security of Web services.
- Explains how to use Simple Object Access Protocol (SOAP) in Web service messaging.
• Discusses the challenges and possibilities of mobile Web services, and gives case studies to illustrate the application of the
technology.

• Presents the Nokia Mobile Web Services platform.

• Offers material on developing mobile Web service clients using C++ and Java.

This text is essential reading for wireless Web architects, mobile application developers and programmers, software developers,
technical officers and consultants, as well as advanced students in Computer Science and Electrical Engineering.

ABOUT THE AUTHOR

Frederick Hirsch, a Senior Architect at Nokia, is responsible for the company’s Web Services standardization strategy, and
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John Kemp has spent the past two years intimately involved in the development of the Nokia Web services architecture. During
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Norbert Leser started his professional life in hardware engineering in Germany, where he pioneered a government-funded
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Soon afterwards, in 1988, he volunteered to help with the establishment of OSF in Cambridge, Massachusetts. He was one
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are reoccurring in Web service technologies. After a long journey at OSF, Norbert began to work with startup companies that address the usability of information security. Most notably, he assumed the role of Chief Architect at Liquid Machines in breaking new ground with a highly intuitive and easy-to-use enterprise rights management product line. Norbert joined Nokia’s Strategic Architecture group, where he assumed responsibility for bringing Web service technologies to mobile devices in a way that is useful and non-intimidating to users and developers. He currently works specifically on providing guidance for development tools.

The rest of the authors and editors of this book hold various positions at Nokia. Jani Ilkka is an independent publishing consultant.

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