

Specification Volume 2

# Specification of the Bluetooth System

Wireless connections made easy

---

## Profiles

**Bluetooth™**

v1.0 B  
December 1st 1999



<b>BLUETOOTH DOC</b>	Date / Day-Month-Year 01 Dec 99	N.B.	Document No. <b>1.C.47/1.0 B</b>
Responsible	e-mail address		Status

**Bluetooth.**

---

# Profiles of the Bluetooth System

Version 1.0B

## Revision History

The Revision History is shown in [Appendix I](#) on [page 413](#)

## Contributors

The persons who contributed to this specification are listed in [Appendix II](#) on [page 421](#).

## Web Site

This specification can also be found on the Bluetooth web site:  
<http://www.bluetooth.com>

## Disclaimer and copyright notice

THIS SPECIFICATION IS PROVIDED "AS IS" WITH NO WARRANTIES WHATSOEVER, INCLUDING ANY WARRANTY OF MERCHANTABILITY, NONINFRINGEMENT, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY WARRANTY OTHERWISE ARISING OUT OF ANY PROPOSAL, SPECIFICATION OR SAMPLE. All liability, including liability for infringement of any proprietary rights, relating to use of information in this document is disclaimed.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights are granted herein.

Copyright © 1999

Telefonaktiebolaget LM Ericsson,  
International Business Machines Corporation,  
Intel Corporation,  
Nokia Corporation,  
Toshiba Corporation .

\*Third-party brands and names are the property of their respective owners.

**MASTER TABLE OF CONTENTS**

For the Core Specification, *see Volume 1*

**Part K:1**

**GENERIC ACCESS PROFILE**

**Contents .....15**

Foreword ..... 19

1 Introduction .....20

2 Profile Overview .....22

3 User Interface Aspects.....25

4 Modes .....29

5 Security Aspects .....33

6 Idle Mode Procedures .....37

7 Establishment Procedures .....45

8 Definitions .....52

9 Annex A (Normative): Timers and Constants.....56

10 Annex B (Informative): Information Flows of Related Procedures.....57

11 References.....60

**Part K:2**

**SERVICE DISCOVERY APPLICATION PROFILE**

**Contents .....63**

Foreword .....65

1 Introduction .....66

2 Profile Overview .....68

3 User Interface Aspects.....72

4 Application Layer.....73

5 Service Discovery .....79

6 L2CAP.....82

7 Link Manager .....86

8 Link Control.....88

9 References.....91

10 Definitions .....92

11 Appendix A (Informative): Service Primitives and the Bluetooth PDUs .....93

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.