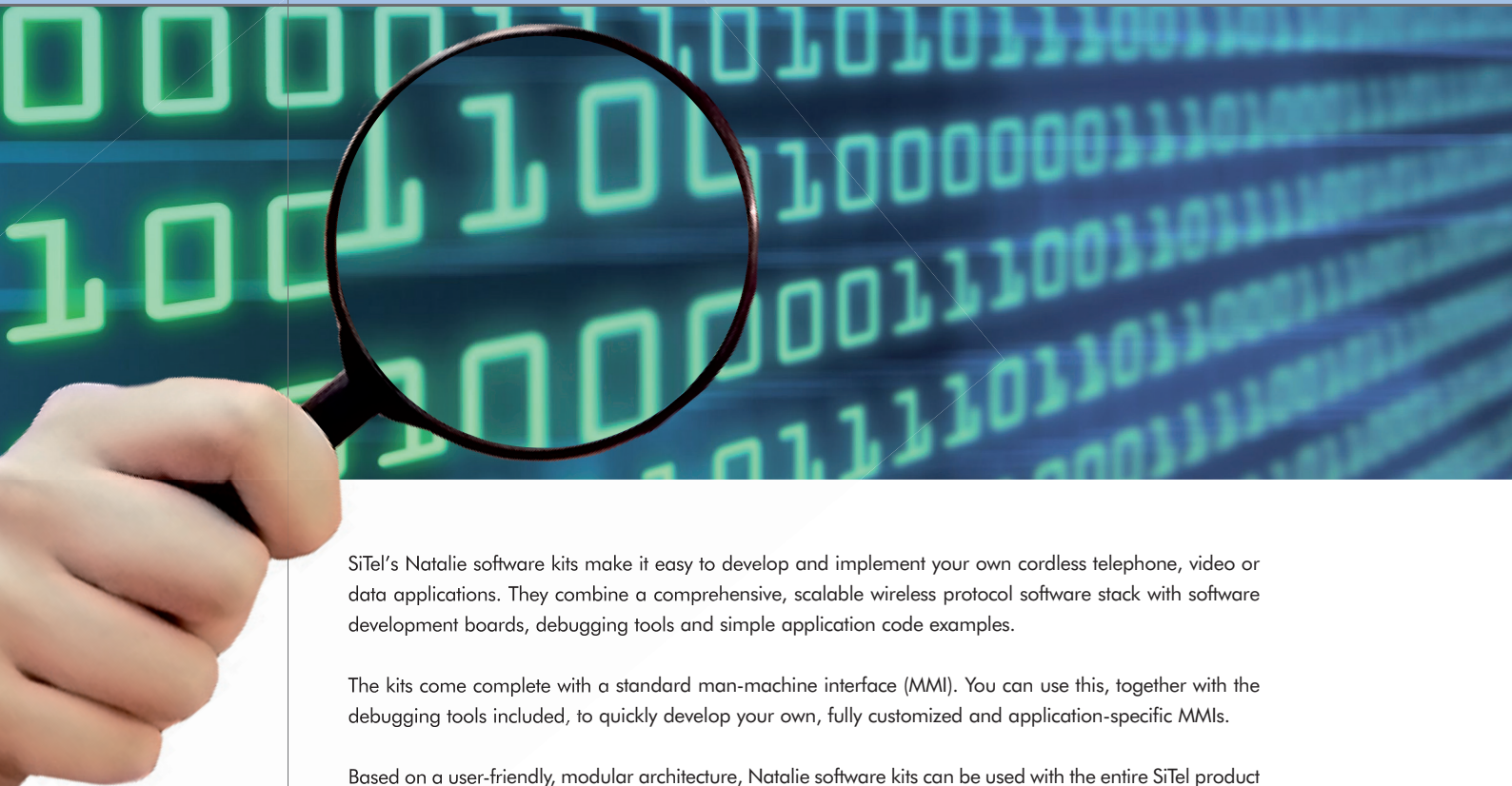


Natalie DECT / CAT-iq software kit

Develop your own PSTN and IAD software applications



SiTel's Natalie software kits make it easy to develop and implement your own cordless telephone, video or data applications. They combine a comprehensive, scalable wireless protocol software stack with software development boards, debugging tools and simple application code examples.

The kits come complete with a standard man-machine interface (MMI). You can use this, together with the debugging tools included, to quickly develop your own, fully customized and application-specific MMIs.

Based on a user-friendly, modular architecture, Natalie software kits can be used with the entire SiTel product family. They are completely field upgradeable, and the proven DECT protocol stack from RTX is regularly updated with the latest CAT-iq feature releases.

Benefits

- Enables fast and easy implementation of applications on SiTel hardware platforms
- Scalable across the entire SiTel range of voice modules, baseband ICs and RF transceivers
- Reduces code-space usage in PSTN applications enabling the widest range of functionality on the most cost-efficient hardware platforms
- Allows smooth software upgrades for IAD applications following the CAT-iq roadmap

Features

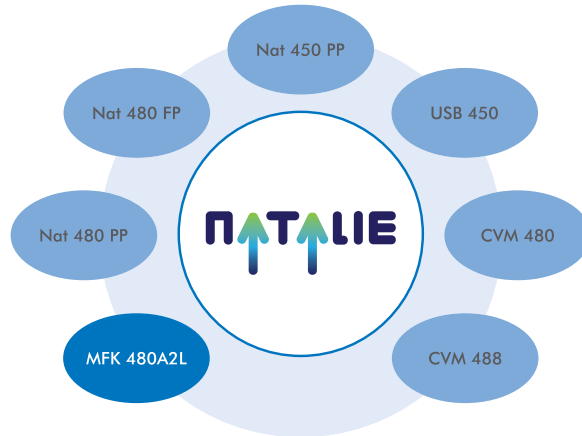
- Includes DECT, DECT6.0, KDECT and 2.4 GHz protocol stacks
- Software available as source and / or object code
- Supports hardware-related functionality such as DSP software as well as general functionality such as OS and EEPROM
- Support for wideband audio

Deliverables

- Software development boards for different standards as DECT/DECT6.0, KDECT or 2.4GHz or IAD applications are available on request.
- Debugging tools: Nexus development debugger for JTAG interface and debugging tools for mail trace and EEPROM editor.
- Demonstration MMI with target source code examples and keypad / LCD emulation on PC for verification of functionality and development.
- Documentation of software platform, development environment, datasheet, source code documentation, and training material

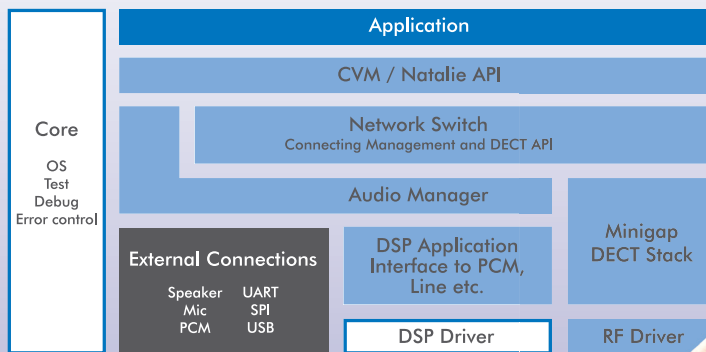
Technical specifications

Natalie software model



MFK480A2L	PSTN manufacturing kit software for single-chip SC14480
NAT480 PP	Handset software for single-chip SC14480
NAT480 FP	Basestation software for single-chip SC14480
NAT450 PP	Handset software for baseband SC14450 with external transceiver LMX4180
USB450	Basestation software for SC14450 with external transceiver LMX4180 suitable for USB applications
CVM480	Basestation software for voice modules based on SC14480
CVM488	Basestation software for voice modules based on SC14488

Example IAD protocol stack implementation



- Chipset dependent
- Variation over product segments
- Variation over product segments including Customization
- Application

