CalConnect Technical Committees: TC Mobile

Published Administrative

Warning for drafts
This document is not a CalConnect Standard. It is distributed for review and comment, and is subject to change without notice and may not be referred to as a Standard. Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation. Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

The Calendaring and Scheduling Consortium, Inc. 2008

:2008

Contents

Foreword

This document incorporates by reference the CalConnect Intellectual Property Rights, Appropriate Usage, Trademarks and Disclaimer of Warranty for External (Public) Documents as located at

http://www.calconnect.org/documents/disclaimerpublic.pdf.

IMPORTANT —
All documents included in the zip file for Meet CalConnect 2008 are considered part of
CD 0812 and the public disclaimer included by reference above applies to all contents of the
file.

Chair(s)   Chris Dudding

CalConnect Technical Committees: TC Mobile

1. What is different about mobile calendaring?

1) Capabilities
    — Less memory & processing power
    — Limited battery life
    — Small screen size
    — Lower resolutions
    — Input methods
2) Usage
    — Device is mobile
    — User pays for data
    — Calendar usage may be interrupted
3) Challenges
    — Software distribution
    — Proprietary platforms
    — Open standards adoption
4) Connectivity
    — Bandwidth/Latency
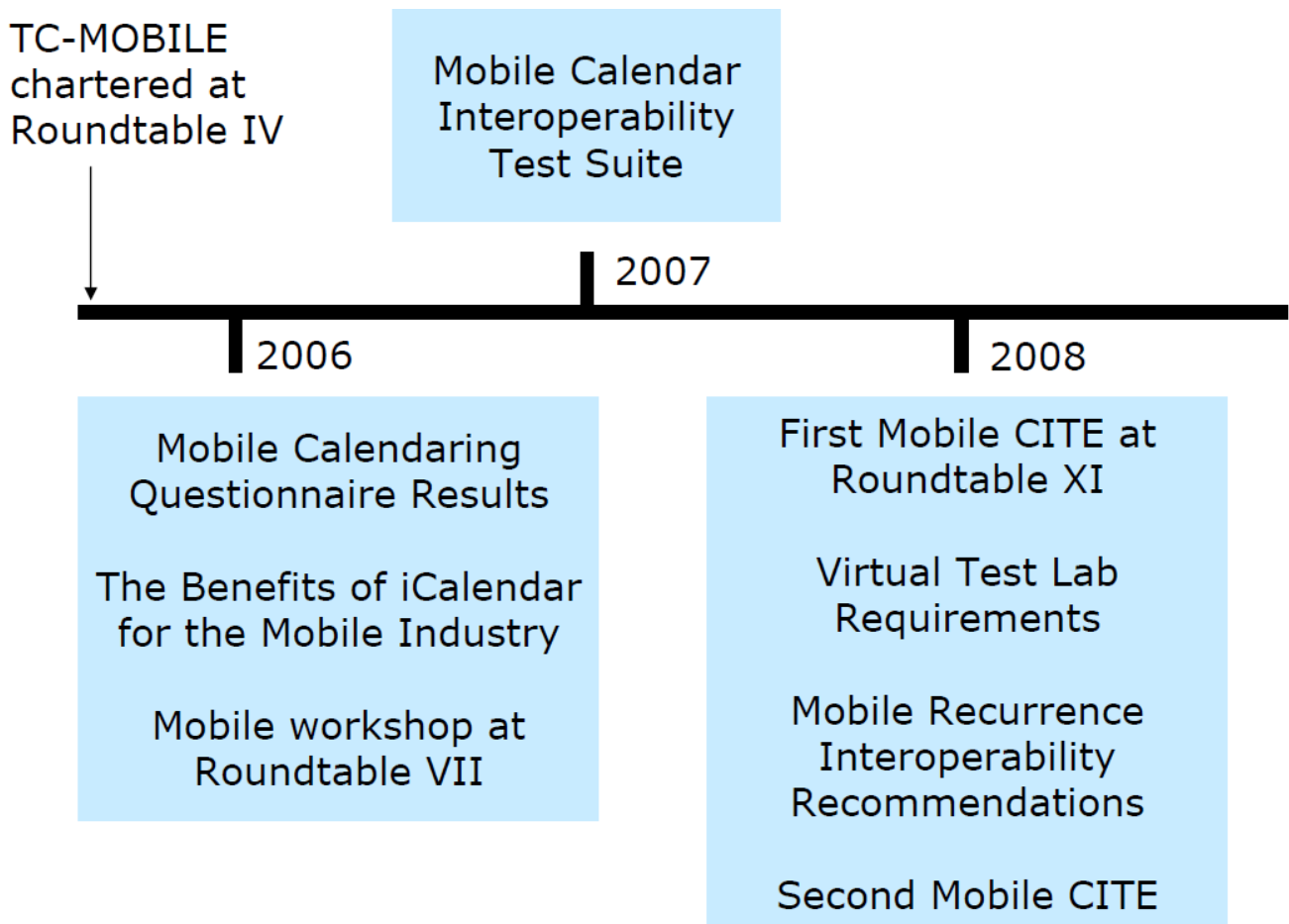   — Intermittent Connectivity

2. Charter

The goal of the Mobile technical committee is to identify the issues associated with mobile calendaring & scheduling and propose recommendations on how to address any problem areas.

This TC will provide the Consortium with information on the current state of mobile calendaring & scheduling and gather requirements and use cases specific to mobile environments.

The TC will promote adoption of open calendaring standards for mobile devices (e.g. iCalendar and CalDAV) and create best practice documents as needed to assist implementation of these standards.

To achieve these goals, the TC intends to work in concert with organisations and vendors in the mobile industry.

:2008

3. Milestones to date

TC-MOBILE
chartered at
Roundtable IV

Mobile Calendar
Interoperability
Test Suite

2007

2006

2008

Mobile Calendaring
Questionnaire Results

The Benefits of iCalendar
for the Mobile Industry

Mobile workshop at
Roundtable VII

First Mobile CITE at
Roundtable XI

Virtual Test Lab
Requirements

Mobile Recurrence
Interoperability
Recommendations

Second Mobile CITE

4. Mobile Calendaring Questionnaire

Two questionnaires were conducted in 2006 to understand:

— What feature sets were currently supported
— What features users wanted

EXAMPLE

What would you like to be able to do with your device that you cannot do right now?

"Sync reliably"
"Power on quickly :-)"
"SyncML! Synchronize the calendar"
"Use the calendar better, and sync it with PC apps…"
"Handle events in different time zones"

5. The Benefits of iCalendar paper

— iCalendar is the standard for interoperable exchange of calendaring information
    — It is widely used and is being actively developed
    — However, it has limited adoption within the mobile industry

— TC Mobile produced a white paper to promote wider adoption of iCalendar on mobile devices.
   It covers

— The differences between vCalendar and iCalendar
— The benefits of using iCalendar
— Current efforts to improve interoperability
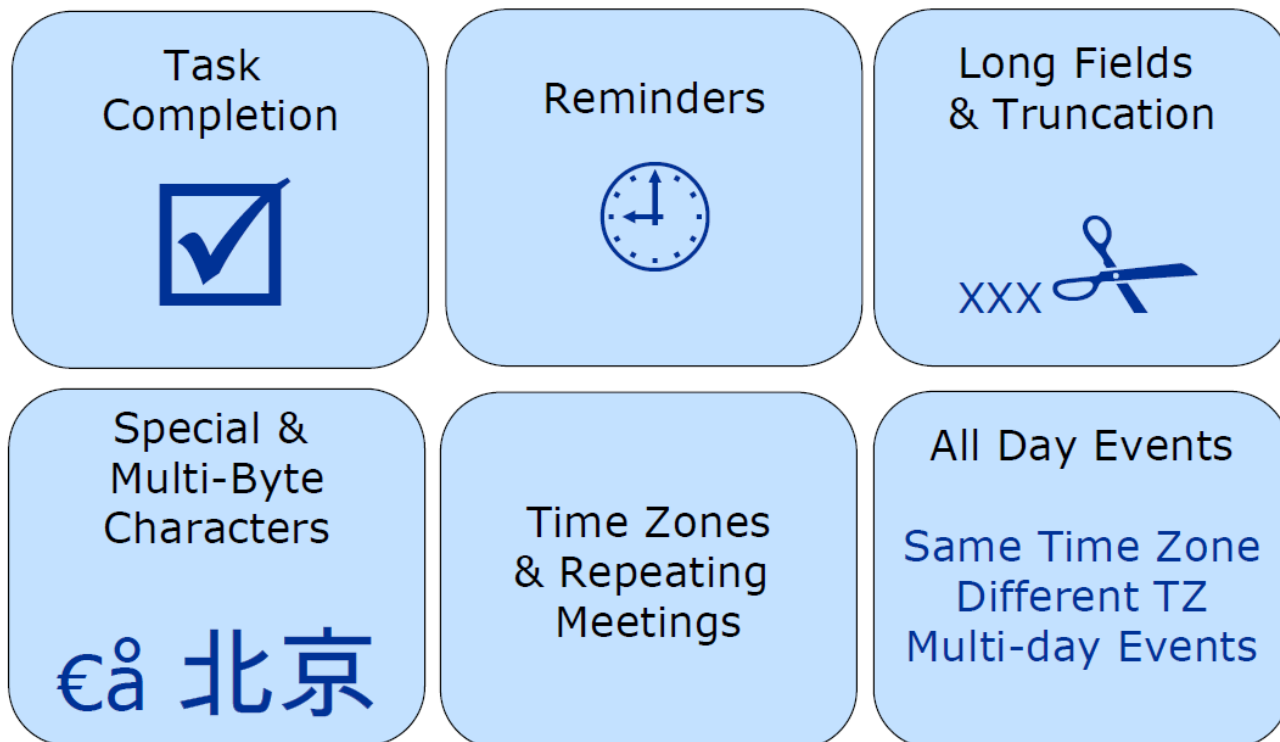
6. Mobile Calendar IOP Test Suite

Figure 1 — Examples of known problem areas

7. Future Plans

— CalDAVfor mobile devices white paper
  — It will describe technical requirements, recommendations and future mobile-specific possibilities
  — We hope this will help explain the relevance of CalDAVto mobile devices

— More interoperability testing
  — Regular face to face events and virtual testing

— Mobile Calendaring workshop
  — CalConnect is considering a mobile event in 2009