CALCONNECT THE CALENDARING & SCHEDULING CONSORTIUM

CALCONNECT DOCUMENT CD 0808

Type: **Report**
Title: **November 2008 CalConnect Mobile Interoperability Test Report**
Version: **2.0**
Date: **2009-02-19**
Status: **Published**
Source: **IOPTEST Technical Committee**

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TITLE:	**Mobile Calendar Interoperability Testing Report – Public November 2008- Plzen, Czech Republc – Sponsored by Kerio**
Version:	2.0
Date of Publication:	December 2008
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Introduction

The second Calconnect Mobile Calendaring interoperability event was held at the Kerio campus at Plzen, Czech Republic. This was also our first interoperability event held in Europe. Participants of the testing event used predetermined test scenarios. Rather than post the full scenarios in this document, they can be found on the CalConnect website at the following URL: http://www.calconnect.org/ioptesting.shtml.

The testing scenarios used in this event were a subset of items found in the CalConnect Mobile Calendaring Test Suite. Summaries and specific findings and issues found are noted in this document. The items used in the subset are included in this document in Appendix A.

Participants

Organization	Participants	Versions Tested
Icewarp	Eremias Alexej	Icewarp Server v9.4
	Jakub Klos	
	Milan Vojnovic	
Kerio	Tomas Hnetila	
Oracle	Gregory Pekofsky	Oracle Beehive Server R1.4
Symbian	James Clarke	Symbian OS v9.5
	Chris Dudding	
Synthesis	Beat Forster	Synthesis SyncML Server 3.2.0.10 Synthesis SyncML Client for iPhone 3.2.x Synthesis SyncML Client Test Suite 3.2.x
	Lukas Zeller	
CalConnect Reps		
Interop Manager	Pat Egen	
Logistics	Dave Thewlis	

Testing Results

The following reflects general items noted during the testing. The subset used during testing was comprised of 111 scenarios of which 52 were classified as easy, 42 as medium and 17 as hard. During testing, 781 test responses were noted. The breakdown of the tests was as follows:

Easy tests: 210 passed, 33 failed, 1 was noted as "half pass" and 120 were skipped.
Medium tests: 138 passed, 29 failed, 3 "half passed" and 118 were skipped.
Hard tests: 31 passed, 17 failed, 1 "half passed" and 70 were skipped.

Therefore, 49% of the tests passed, 11% failed, 39% were skipped and .06% half-passed. Considering the fact that only 27% of the tests performed were deemed "easy", a 49% pass ratio is good, but not as good as the numbers could be.

Lack of support on client or server applications was the primary reason tests failed. There were a few bugs noted. Occasional failures were because of differences in the level of support for vCalendar formats.

Testing Tables

The following tables show results found during testing. The names of the testing pairs have been removed to provide a generic idea of findings.

Test Pair 1

Test ID	Status	Comments
1.1 Create an Event with a Reminder	Pass	
1.2 Access Level and Priority	Pass	Passed, showing privacy status when syncing from server, then after removal of private and synced back, correct behaviour was seen on server. Could not test priority. Issue in vendor calendar test app with all day events - we believe this is the test app and not the calendar database engine.
1.3 Special Characters From Server	Fail	Generally successful but failed on handling "&" -- was converted to the html entity "&" and then not handled correctly.
1.4 Multi-Byte Characters From Server	Fail	Chinese characters not shown correctly on web client and device
1.5 Deletion	Pass	
1.6 Create an Event with a Reminder	Pass	
1.7 Access Level and Priority (can only be done if device supports setting an access level or priority)	Pass	
1.8 Special Characters from Device	Pass	Special characters shown correctly. We were not able to test the euro symbol "€" on the Vendor calendar test app.
1.9 Multi-Byte Characters from Device		Couldn't test this.
1.10 Deletion	Pass	
2.1 Create all-day event in same time zone	Fail	Not handling the event as an all day event but instead treats it as an event from 12am to 12am the next day. Passed on recent Vendor-based products.

2.2 Create all-day event to device in different time zone	Fail	Not handling the event as an all day event but instead treats it as an event from 12am to 12am the next day.
2.3 Create a Single Instance All Day Event with Reminder	Fail	Not handling the event as an all day event but instead treats it as an event from 12am to 12am the next day.
2.4 Create an anniversary all-day event	Fail	Not handling the event as an all day event but instead treats it as an event from 12am to 12am the next day. Saw an error on the Vendor test app. Not clear whether the event repeats.
2.5 All-day event on last day of month & last day of year check		Not run.
2.6 Create a Single Instance Holiday with Reminder		Not run.
2.7 Update an all-day event on server and synchronize back to mobile device in same time zone		Not run.
2.8 Update an all-day event on server and synchronize back to a device in different time zone		Not run.
2.9 Create a Single Instance Multi-day Day Event	Fail	Same problem as above with the end of the event being treated as 12am on the following day.
2.10 Remove Single Instance Meeting, Day Event, and Holiday		Not run.
2.11 Create an all-day event and synchronize to a server in same time zone	Fail	
2.12 Create an all-day event and synchronize to a server in different time zone	Fail	Showed on the server as start and end time as 5am and not as an all day event (relating to the 5 hour timezone offset).
2.13 Create a Single Instance All Day Event with Reminder	Fail	Did have the alarm but didn't display properly in the server.
2.14 Create an anniversary all-day event	Fail	Displayed as having no duration (start and end time the same, 12am on the same day)
2.15 Update an all-day event on mobile device and synchronize back to server in same time zone		Not run.
2.16 Update an all-day event on mobile device and synchronize back to a server in different time zone		Not run.
2.17 Create a Single Instance Multi-Day Day Event		Not run.
2.18 Remove Single Instance Meeting, Day Event, and Holiday		Not run.
3.1 Create Daily Repeat (every day, bounded)	Pass	
3.2 Create Daily Repeat (every other day, unbounded)	Pass	
3.3 Create Daily Repeat (every 7 days, unbounded)	Pass	
3.4 Create Weekly Repeat (every Wed, unbounded)	Pass	
3.5 Create Weekly repeat (Wed & Fri, unbounded)	Pass	
3.6 Create Fortnightly Repeat (unbounded)	Pass	

3.7 Create Monthly By Date Repeat (unbounded)	Pass	
3.8 Create Monthly By Day Repeat (first occurrence, bounded)	Pass	
3.9 Create Monthly By Day Repeat (nth occurrences, bounded)	Pass	Unable to create monthly by day repeat on 2nd and 3rd Sunday on server web client - so test case is not the same
3.10 Create Monthly By Day Repeat (last occurrence, bounded)		Unable to create last occurrence on server web client
3.11 Create Yearly Repeat (every year, unbounded)	Pass	
3.12 Create Yearly Repeat (every year for 5 years, bounded)	Pass	
3.13 Create Yearly Repeat (every 4 years, bounded)	Pass	
3.14 Create custom repeat (RDATES only)		Not run. Unable to create on server web client
3.15 Create repeat combination		Not run. Unable to create on server web client
3.16 Create repeating event plus custom repeat (RRULE + RDATE)		Not run. Unable to create on server web client
3.17 Create a repeating event with exceptions (RRULE + EXDATE, bounded)		Not run. Unable to create on server web client
3.18 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)		Not run. Unable to create on server web client
3.19 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)		Not run. Unable to create on server web client
3.20 Modify anniversary	Pass	
3.21 Modify occurrences of repeating meeting	Fail	Issue with server web client update and handling of multiple exception dates
3.22 Modify exceptions of repeating meeting	Pass	Test case description is wrong. Instead of modify exception it should be modify event
3.23 Delete recurring meeting	Pass	
3.24 Create Daily Repeat (every day, bounded)	Pass	
3.25 Create Daily Repeat (every other day, unbounded)	Pass	
3.26 Create Daily Repeat (every 7 days, unbounded)	Pass	
3.27 Create Weekly Repeat (every Wed, unbounded)	Pass	
3.28 Create Weekly repeat (Wed & Fri, unbounded)		Not run. Unable to test due to defect in Vendor test user interface
3.29 Create Fortnightly Repeat (unbounded)	Pass	
3.30 Create Monthly By Date Repeat (unbounded)	Fail	Problem with interpretation of client repeat forever vCalendar (uses #0 to indicate repeat forever). Web mail bug??
3.31 Create Monthly By Day Repeat (first occurrence, bounded)		Not run. Unable to test due to defect in Vendor test user interface
3.32 Create Monthly By Day Repeat (nth occurrences, bounded)		Not run. Unable to test due to defect in Vendor test user interface
3.33 Create Monthly By Day Repeat (last occurrence, bounded)		Not run. Unable to test due to defect in Vendor test user interface

3.34 Create Yearly Repeat (every year, unbounded)	Fail	Problem with interpretation of client repeat forever vCalendar (uses #0 to indicate repeat forever). Web mail bug??
3.35 Create Yearly Repeat (every year for 5 years, bounded)	Pass	
3.36 Create Yearly Repeat (every 4 years, bounded)	Pass	
3.37 Create custom repeat (RDATES only)	Fail	RDATE not supported by server
3.38 Create repeat combination		Not run. Unable to test due to defect in Vendor test user interface
3.39 Create repeating event plus custom repeat (RRULE + RDATE)		Not run. Server does not support RDATE
3.40 Create a repeating event with exceptions (RRULE + EXDATE, bounded)	Pass	
3.41 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)		Not run. Server does not support RDATE
3.42 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)		Not run. Server does not support RDATE
3.43 Modify anniversary	Pass	
3.44 Modify occurrences of repeating meeting	Pass	
3.45 Delete recurring meeting	Pass	
4.1 Create Entry as owner with Attendees from Server		Not run. Unable to test due to defect in Vendor test user interface
4.2 Accept Entry as Invitee from Device		Not run. Unable to test due to lack of support
4.3 Create Entry as owner with Attendees from Device		Not run. Unable to test due to lack of support
5.1 Time Zones and Simple Meetings	Pass	Test case description has a defect as procedure doesn't match expected results
5.2 Time Zones and Repeating Meetings		Not run
5.3 Time Zones and All-Day Events		Not run
5.4 Spring Daylight Savings Single Entries from Server		Not run
5.5 Spring Daylight Savings Repeating Entry from Server		Not run.
5.6 Autumn Daylight Savings Single Entries from Device		Not run.
5.7 Autumn Daylight Savings Recurring Entry from Device		Not run.
6.1 Create task	Pass	Passed. Test case failed with attachment added
6.2 Task Access Level and Priority		Not run.
6.3 Create task with alarm		Not run.
6.4 Mark task as completed		Not run.
6.5 Special Characters From Server		Not run.
6.6 Multi-Byte Characters From Server		Not run.
6.7 Deletion		Not run.
6.8 Create task		Not run.
6.9 Task Access Level and Priority		Not run.
6.10 Create task with alarm		Not run.
6.11 Mark task as completed		Not run.
6.12 Special Characters From Device		Not run.
6.13 Multi-Byte Characters From Device		Not run.

6.14 Deletion	Not run.
7.1 Create new contact with minimal fields from the server	Pass Passed in general but some data was lost.
7.2 Create new contact with minimal fields from the device	Pass Passed in general but some data was lost.
7.3 Special Characters	Not run.
7.4 Multi-Byte Characters	Not run.
7.5 Delete a contact from the server	Not run.
7.6 Delete a contact from the device	Not run.
8.1 Create new contact with addresses from the server	Not run.
8.2 Create new contact with addresses from the device	Not run.
9.1 Create new contact with telephone numbers from the server	Not run.
9.2 Create new contact with telephone numbers from the device	Not run.
10.1 Create new contact with emails from the server	Not run.
10.2 Create new contact with urls/web page addresses from the server.	Not run.
10.3 Create new contact with emails from the device	Not run.
10.4 Create new contact with urls/web page addresses from the device	Not run.

Test Pair 2

Test ID	Status	Comments
1.1 Create an Event with a Reminder	Pass	
1.2 Access Level and Priority		Not run. Calendar app does not support access level or priority.
1.3 Special Characters From Server	Pass	
1.4 Multi-Byte Characters From Server	Pass	However, app cannot display the multibyte characters correctly but the characters are preserved and given back to the server correctly after modifying the calendar entry.
1.5 Deletion	Pass	
1.6 Create an Event with a Reminder	Fail	The alarm/reminder did not work.
1.7 Access Level and Priority (can only be done if device supports setting an access level or priority)		Not run. Calendar app does not support access level or priority.
1.8 Special Characters from Device	Pass	
1.9 Multi-Byte Characters from Device		Not run. Not able to enter multi-byte characters on the phone.
1.10 Deletion	Pass	
2.1 Create all-day event in same time zone	Pass	
2.2 Create all-day event to device in different time zone	Pass	
2.3 Create a Single Instance All Day Event with Reminder	Pass	
2.4 Create an anniversary all-day event	Pass	
2.5 All-day event on last day of month & last day of year check	Fail	Cannot see the repeat rule on the device.
2.6 Create a Single Instance Holiday with Reminder	Pass	
2.7 Update an all-day event on server and synchronize back to mobile device in same time zone	Pass	
2.8 Update an all-day event on server and synchronize back to a device in different time zone	Pass	
2.9 Create a Single Instance Multi-day Day Event	Pass	
2.10 Remove Single Instance Meeting, Day Event, and Holiday	Fail	Server does not support exceptions
2.11 Create an all-day event and synchronize to a server in same time zone	Pass	
2.12 Create an all-day event and synchronize to a server in different time zone	Pass	
2.13 Create a Single Instance All Day Event with Reminder	Fail	Could not see the reminder on the server.
2.14 Create an anniversary all-day event	Pass	
2.15 Update an all-day event on mobile device and synchronize back to server in same time zone	Pass	
2.16 Update an all-day event on mobile device and synchronize back to a server in different time zone	Pass	
2.17 Create a Single Instance Multi-Day Day	Pass	

Event

2.18 Remove Single Instance Meeting, Day Event, and Holiday	Fail	Server does not support exceptions
3.1 Create Daily Repeat (every day, bounded)	Pass	
3.2 Create Daily Repeat (every other day, unbounded)	Pass	
3.3 Create Daily Repeat (every 7 days, unbounded)	Pass	
3.4 Create Weekly Repeat (every Wed, unbounded)	Pass	
3.5 Create Weekly repeat (Wed & Fri, unbounded)	Pass	
3.6 Create Fortnightly Repeat (unbounded)		
3.7 Create Monthly By Date Repeat (unbounded)		
3.8 Create Monthly By Day Repeat (first occurrence, bounded)		
3.9 Create Monthly By Day Repeat (nth occurrences, bounded)		
3.10 Create Monthly By Day Repeat (last occurrence, bounded)		
3.11 Create Yearly Repeat (every year, unbounded)		
3.12 Create Yearly Repeat (every year for 5 years, bounded)		
3.13 Create Yearly Repeat (every 4 years, bounded)		
3.14 Create custom repeat (RDATES only)		
3.15 Create repeat combination		
3.16 Create repeating event plus custom repeat (RRULE + RDATE)		
3.17 Create a repeating event with exceptions (RRULE + EXDATE, bounded)		
3.18 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)		
3.19 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)		
3.20 Modify anniversary		
3.21 Modify occurrences of repeating meeting		
3.22 Modify exceptions of repeating meeting		
3.23 Delete recurring meeting		
3.24 Create Daily Repeat (every day, bounded)	Pass	
3.25 Create Daily Repeat (every other day, unbounded)	Pass	
3.26 Create Daily Repeat (every 7 days, unbounded)	Pass	
3.27 Create Weekly Repeat (every Wed, unbounded)	Pass	

Note: No other testing was done after 3.27.

Test Pair 3

Test ID	Status	Comments
1.1 Create an Event with a Reminder	Pass	1.1 to 1.4 can be combined
1.2 Access Level and Priority	Pass	device supported access level but it missing transp property from devinf
1.3 Special Characters From Server	Pass	perhaps skip this test and go right to multibytes
1.4 Multi-Byte Characters From Server		client interface could display multibytes
1.5 Deletion	Pass	
1.6 Create an Event with a Reminder	Pass	
1.7 Access Level and Priority (can only be done if device supports setting an access level or priority)	Pass	
1.8 Special Characters from Device	Pass	
1.9 Multi-Byte Characters from Device		client interface could not write multibytes
1.10 Deletion	Pass	
2.1 Create all-day event in same time zone	Pass	vendor day events have nothing to do with timezones
2.2 Create all-day event to device in different time zone		
2.3 Create a Single Instance All Day Event with Reminder		reminder is currently turned off for day events from server to device
2.4 Create an anniversary all-day event		server sends back single instance for recurrence, so not worth testing
2.5 All-day event on last day of month & last day of year check		
2.6 Create a Single Instance Holiday with Reminder	Pass	
2.7 Update an all-day event on server and synchronize back to mobile device in same time zone	Pass	
2.8 Update an all-day event on server and synchronize back to a device in different time zone		again timezone on day events are independent on server
2.9 Create a Single Instance Multi-day Day Event	Pass	
2.10 Remove Single Instance Meeting, Day Event, and Holiday	Pass	but client or server doesn't support a holiday flag so we assume this is a multi dayevent
2.11 Create an all-day event and synchronize to a server in same time zone	Pass	
2.12 Create an all-day event and synchronize to a server in different time zone	Pass	
2.13 Create a Single Instance All Day Event with Reminder	Pass	client sent alarm but server purposely does not save it on all day events
2.14 Create an anniversary all-day event	Pass	
2.15 Update an all-day event on mobile device and synchronize back to server in same time zone	Pass	
2.16 Update an all-day event on mobile device and synchronize back to a server in different time zone	Pass	
2.17 Create a Single Instance Multi-Day Day Event	Pass	
2.18 Remove Single Instance Meeting, Day Event, and Holiday	Pass	
3.1 Create Daily Repeat (every day, bounded)		skip to 3.24 because server will not send recurrences to device
3.2 Create Daily Repeat (every other day,		

unbounded)

3.3 Create Daily Repeat (every 7 days, unbounded)

3.4 Create Weekly Repeat (every Wed, unbounded)

3.5 Create Weekly repeat (Wed & Fri, unbounded)

3.6 Create Fortnightly Repeat (unbounded)

3.7 Create Monthly By Date Repeat (unbounded)

3.8 Create Monthly By Day Repeat (first occurrence, bounded)

3.9 Create Monthly By Day Repeat (nth occurrences, bounded)

3.10 Create Monthly By Day Repeat (last occurrence, bounded)

3.11 Create Yearly Repeat (every year, unbounded)

3.12 Create Yearly Repeat (every year for 5 years, bounded)

3.13 Create Yearly Repeat (every 4 years, bounded)

3.14 Create custom repeat (RDATES only)

3.15 Create repeat combination

3.16 Create repeating event plus custom repeat (RRULE + RDATE)

3.17 Create a repeating event with exceptions (RRULE + EXDATE, bounded)

3.18 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)

3.19 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)

3.20 Modify anniversary

3.21 Modify occurrences of repeating meeting

3.22 Modify exceptions of repeating meeting

3.23 Delete recurring meeting

3.24 Create Daily Repeat (every day, bounded)	Pass	client note: for better recurrence support put until value as UTC as TZ and DATETIME are optional properties in vcal 1
3.25 Create Daily Repeat (every other day, unbounded)	Pass	note; we combined 3.24 to 3.36 into one big test
3.26 Create Daily Repeat (every 7 days, unbounded)	Pass	
3.27 Create Weekly Repeat (every Wed, unbounded)	Pass	
3.28 Create Weekly repeat (Wed & Fri, unbounded)		client does not support creating this type of recurrence
3.29 Create Fortnightly Repeat (unbounded)	Pass	
3.30 Create Monthly By Date Repeat (unbounded)	Pass	
3.31 Create Monthly By Day Repeat (first occurrence, bounded)	Fail	client test app has a bug
3.32 Create Monthly By Day Repeat (nth occurrences, bounded)	Fail	client test app has a bug
3.33 Create Monthly By Day Repeat (last occurrence, bounded)	Fail	client test app has a bug
3.34 Create Yearly Repeat (every year, unbounded)	Pass	
3.35 Create Yearly Repeat (every year for 5 years, bounded)	Pass	
3.36 Create Yearly Repeat (every 4 years, bounded)	Pass	
3.37 Create custom repeat (RDATES only)	Pass	
3.38 Create repeat combination		client ui cannot do this

3.39 Create repeating event plus custom repeat (RRULE + RDATE)	Pass	
3.40 Create a repeating event with exceptions (RRULE + EXDATE, bounded)		calconnect comment: skip this test and just do 3.42
3.41 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)		calconnect comment: if there is no rrule, exdate cancels rdates, which is bad implementation, so really this test should be removed from the suite
3.42 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)	Pass	
3.43 Modify anniversary		server replaces recurrences on the device with single instances
3.44 Modify occurrences of repeating meeting	Pass	
3.45 Delete recurring meeting	Pass	
4.1 Create Entry as owner with Attendees from Server	Pass	
4.2 Accept Entry as Invitee from Device		
4.3 Create Entry as owner with Attendees from Device		there is no direct way to do this with vcal 1
5.1 Time Zones and Simple Meetings	Pass	
5.2 Time Zones and Repeating Meetings	Pass	
5.3 Time Zones and All-Day Events	Pass	
5.4 Spring Daylight Savings Single Entries from Server	Pass	
5.5 Spring Daylight Savings Repeating Entry from Server	Pass	
5.6 Autumn Daylight Savings Single Entries from Device	Pass	
5.7 Autumn Daylight Savings Recurring Entry from Device	Pass	
6.1 Create task	Pass	we combined 6.1,6.2.6.3,6.5,6.6 into one sync
6.2 Task Access Level and Priority	Pass	
6.3 Create task with alarm	Pass	
6.4 Mark task as completed	Pass	
6.5 Special Characters From Server	Pass	
6.6 Multi-Byte Characters From Server		cannot view multjbytes on client test interface
6.7 Deletion	Pass	
6.8 Create task	Pass	
6.9 Task Access Level and Priority	Pass	
6.10 Create task with alarm	Pass	
6.11 Mark task as completed	Pass	
6.12 Special Characters From Device		client test ui cannot write special characters
6.13 Multi-Byte Characters From Device		client test ui cannot write multi-bytes characters
6.14 Deletion	Pass	
7.1 Create new contact with minimal fields from the server	Pass	calconnect note: get rid of empty vcard sync and combine the rest of the tests into one sync
7.2 Create new contact with minimal fields from the device	Pass	
7.3 Special Characters	Pass	
7.4 Multi-Byte Characters		device test ui cannot read or write this

7.5 Delete a contact from the server	Pass
7.6 Delete a contact from the device	Pass
8.1 Create new contact with addresses from the server	Pass
8.2 Create new contact with addresses from the device	Pass
9.1 Create new contact with telephone numbers from the server	Pass
9.2 Create new contact with telephone numbers from the device	Pass
10.1 Create new contact with emails from the server	Pass
10.2 Create new contact with urls/web page addresses from the server.	Pass
10.3 Create new contact with emails from the device	Pass
10.4 Create new contact with urls/web page addresses from the device	Pass

Test Pair 4

Test ID	Status	Comments
1.1 Create an Event with a Reminder	Pass	Server sends extra \ escape when name starts with double quote
1.2 Access Level and Priority	Pass	
1.3 Special Characters From Server	Pass	
1.4 Multi-Byte Characters From Server		n/a, web UI is ISO8859-1
1.5 Deletion	Pass	
1.6 Create an Event with a Reminder	Pass	
1.7 Access Level and Priority (can only be done if device supports setting an access level or priority)	Pass	
1.8 Special Characters from Device	Pass	
1.9 Multi-Byte Characters from Device		n/a, both sides don't have UI for eastern fonts
1.10 Deletion	Pass	
2.1 Create all-day event in same time zone		Passed except that device did not set the allday flag (but period covered in calendar is correct)
2.2 Create all-day event to device in different time zone		Passed except that device did not set the allday flag (but period covered in calendar is correct)
2.3 Create a Single Instance All Day Event with Reminder	Fail	reminder did show at wrong time in client
2.4 Create an anniversary all-day event	Pass	Tested with regular yearly recurrence (proprietary vCalendar extension property used by client to flag anniversaries)
2.5 All-day event on last day of month & last day of year check	Pass	
2.6 Create a Single Instance Holiday with Reminder		n/a, both sides don't have special "holiday" entry type
2.7 Update an all-day event on server and synchronize back to mobile device in same time zone	Pass	
2.8 Update an all-day event on server and synchronize back to a device in different time zone	Pass	
2.9 Create a Single Instance Multi-day Day Event	Pass	but definition of what an ALL-DAY event actually IS is different in the device (binds day to current device zone) and server (considers allday floating, i.e. not moving when TZ changes)
2.10 Remove Single Instance Meeting, Day Event, and Holiday	Pass	
2.11 Create an all-day event and synchronize to a server in same time zone	Pass	but device fixes start and end in time (see comment fo 2.9)
2.12 Create an all-day event and synchronize to a server in different time zone	Fail	see comment in 2.9 (comes out fixed in UTC-5 time, which is not all-day in GMT server time)
2.13 Create a Single Instance All Day Event with Reminder	Pass	
2.14 Create an anniversary all-day event	Pass	Anniversaries are in fact floating time, which is IMHO what all-day events should be as well

2.15 Update an all-day event on mobile device and synchronize back to server in same time zone	Pass	
2.16 Update an all-day event on mobile device and synchronize back to a server in different time zone	Pass	But generally: synchronizing modified anniversary back to device will make loose the anniversary status on the device (because it would need proprietary vCalendar extension property to remain anniversary)
2.17 Create a Single Instance Multi-Day Day Event		not run, because largely the same as 2.9
2.18 Remove Single Instance Meeting, Day Event, and Holiday	Pass	
3.1 Create Daily Repeat (every day, bounded)	Pass	
3.2 Create Daily Repeat (every other day, unbounded)	Pass	
3.3 Create Daily Repeat (every 7 days, unbounded)	Pass	
3.4 Create Weekly Repeat (every Wed, unbounded)	Pass	
3.5 Create Weekly repeat (Wed & Fri, unbounded)	Pass	
3.6 Create Fortnightly Repeat (unbounded)	Pass	
3.7 Create Monthly By Date Repeat (unbounded)	Pass	
3.8 Create Monthly By Day Repeat (first occurrence, bounded)	Pass	
3.9 Create Monthly By Day Repeat (nth occurrences, bounded)	Pass	
3.10 Create Monthly By Day Repeat (last occurrence, bounded)	Pass	
3.11 Create Yearly Repeat (every year, unbounded)	Pass	
3.12 Create Yearly Repeat (every year for 5 years, bounded)	Pass	
3.13 Create Yearly Repeat (every 4 years, bounded)	Pass	
3.14 Create custom repeat (RDATES only)	n/a	
3.15 Create repeat combination	n/a	
3.16 Create repeating event plus custom repeat (RRULE + RDATE)	n/a	
3.17 Create a repeating event with exceptions (RRULE + EXDATE, bounded)	Pass	
3.18 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)	n/a	
3.19 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)	n/a	
3.20 Modify anniversary	Pass	implicitly done above
3.21 Modify occurrences of repeating meeting	Pass	
3.22 Modify exceptions of repeating meeting	Pass	implicitly done above
3.23 Delete recurring meeting	Pass	
3.24 Create Daily Repeat (every day, bounded)	Pass	
3.25 Create Daily Repeat (every other day, unbounded)	Pass	

3.26 Create Daily Repeat (every 7 days, unbounded)	Pass	
3.27 Create Weekly Repeat (every Wed, unbounded)	Pass	
3.28 Create Weekly repeat (Wed & Fri, unbounded)		n/a because of UI problem in client
3.29 Create Fortnightly Repeat (unbounded)	Pass	
3.30 Create Monthly By Date Repeat (unbounded)	Pass	
3.31 Create Monthly By Day Repeat (first occurrence, bounded)	Pass	
3.32 Create Monthly By Day Repeat (nth occurrences, bounded)		n/a because of UI problem in client
3.33 Create Monthly By Day Repeat (last occurrence, bounded)	Pass	
3.34 Create Yearly Repeat (every year, unbounded)	Pass	
3.35 Create Yearly Repeat (every year for 5 years, bounded)	Pass	
3.36 Create Yearly Repeat (every 4 years, bounded)	Pass	
3.37 Create custom repeat (RDATES only)	n/a	
3.38 Create repeat combination	n/a	
3.39 Create repeating event plus custom repeat (RRULE + RDATE)	n/a	
3.40 Create a repeating event with exceptions (RRULE + EXDATE, bounded)	Pass	
3.41 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)	n/a	
3.42 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)	n/a	
3.43 Modify anniversary	Pass	
3.44 Modify occurrences of repeating meeting	Pass	But we think test case is not very useful because this does not really test exceptions (it simply changes the recurrence end date) - we should have a case actually testing modifying exception details like time, summary, location.
3.45 Delete recurring meeting	Pass	
4.1 Create Entry as owner with Attendees from Server		Test Session TIMEOUT
4.2 Accept Entry as Invitee from Device		Test Session TIMEOUT
4.3 Create Entry as owner with Attendees from Device	Pass	Implicitly tested above
5.1 Time Zones and Simple Meetings	n/a	
5.2 Time Zones and Repeating Meetings	n/a	
5.3 Time Zones and All-Day Events	n/a	
5.4 Spring Daylight Savings Single Entries from Server		Test Session TIMEOUT
5.5 Spring Daylight Savings Repeating Entry from Server		Test Session TIMEOUT
5.6 Autumn Daylight Savings Single Entries from Device		Test Session TIMEOUT
5.7 Autumn Daylight Savings Recurring Entry		Test Session TIMEOUT

from Device

6.1 Create task	Pass
6.2 Task Access Level and Priority	Pass
6.3 Create task with alarm	TIMEOUT from here on

Note: Tests after 6.3 were not performed.

Test Pair 5

Test ID	Status	Comments
1.1 Create an Event with a Reminder	Pass	
1.2 Access Level and Priority	Pass	
1.3 Special Characters From Server	Pass	
1.4 Multi-Byte Characters From Server	Pass	
1.5 Deletion	Pass	
1.6 Create an Event with a Reminder	Pass	
1.7 Access Level and Priority (can only be done if device supports setting an access level or priority)	Pass	
1.8 Special Characters from Device	Pass	
1.9 Multi-Byte Characters from Device	Pass	
1.10 Deletion	Pass	
2.1 Create all-day event in same time zone	Pass	
2.2 Create all-day event to device in different time zone		no point in testing because both day event implementation do not involve timezones
2.3 Create a Single Instance All Day Event with Reminder		server does not support alarms on day events
2.4 Create an anniversary all-day event		anniversary flag not supported
2.5 All-day event on last day of month & last day of year check	Pass	
2.6 Create a Single Instance Holiday with Reminder		holiday flag is not supported
2.7 Update an all-day event on server and synchronize back to mobile device in same time zone	Pass	
2.8 Update an all-day event on server and synchronize back to a device in different time zone		device and server do not associate timezone with day events
2.9 Create a Single Instance Multi-day Day Event	Pass	
2.10 Remove Single Instance Meeting, Day Event, and Holiday		device and server do not support holiday flag
2.11 Create an all-day event and synchronize to a server in same time zone	Pass	
2.12 Create an all-day event and synchronize to a server in different time zone		device and server do not support holiday flag
2.13 Create a Single Instance All Day Event with Reminder		server does not support alarms on day events
2.14 Create an anniversary all-day event		device and server do not support anniversary flag
2.15 Update an all-day event on mobile device and synchronize back to server in same time zone	Pass	
2.16 Update an all-day event on mobile device and synchronize back to a server in different time zone		device and server do not associate timezone with day events
2.17 Create a Single Instance Multi-Day Day Event		
2.18 Remove Single Instance Meeting, Day Event, and Holiday	Pass	
3.1 Create Daily Repeat (every day, bounded)		server replaces recurrence on the device with single instance so we will skip to 3.24
3.2 Create Daily Repeat (every other day, unbounded)		see 3.1
3.3 Create Daily Repeat (every 7 days, unbounded)		see 3.1
3.4 Create Weekly Repeat (every Wed, unbounded)		see 3.1
3.5 Create Weekly repeat (Wed & Fri, unbounded)		see 3.1

3.6 Create Fortnightly Repeat (unbounded)		see 3.1
3.7 Create Monthly By Date Repeat (unbounded)		see 3.1
3.8 Create Monthly By Day Repeat (first occurrence, bounded)		see 3.1
3.9 Create Monthly By Day Repeat (nth occurrences, bounded)		see 3.1
3.10 Create Monthly By Day Repeat (last occurrence, bounded)		see 3.1
3.11 Create Yearly Repeat (every year, unbounded)		see 3.1
3.12 Create Yearly Repeat (every year for 5 years, bounded)		see 3.1
3.13 Create Yearly Repeat (every 4 years, bounded)		see 3.1
3.14 Create custom repeat (RDATES only)		see 3.1
3.15 Create repeat combination		see 3.1
3.16 Create repeating event plus custom repeat (RRULE + RDATE)		see 3.1
3.17 Create a repeating event with exceptions (RRULE + EXDATE, bounded)		see 3.1
3.18 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)		see 3.1
3.19 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)		see 3.1
3.20 Modify anniversary		see 3.1
3.21 Modify occurrences of repeating meeting		see 3.1
3.22 Modify exceptions of repeating meeting		see 3.1
3.23 Delete recurring meeting		see 3.1
3.24 Create Daily Repeat (every day, bounded)	Pass	
3.25 Create Daily Repeat (every other day, unbounded)	Pass	
3.26 Create Daily Repeat (every 7 days, unbounded)	Pass	
3.27 Create Weekly Repeat (every Wed, unbounded)	Pass	
3.28 Create Weekly repeat (Wed & Fri, unbounded)	Pass	
3.29 Create Fortnightly Repeat (unbounded)	Pass	
3.30 Create Monthly By Date Repeat (unbounded)	Pass	
3.31 Create Monthly By Day Repeat (first occurrence, bounded)	Pass	
3.32 Create Monthly By Day Repeat (nth occurrences, bounded)		not possible on client
3.33 Create Monthly By Day Repeat (last occurrence, bounded)	Pass	
3.34 Create Yearly Repeat (every year, unbounded)	Pass	
3.35 Create Yearly Repeat (every year for 5 years, bounded)	Pass	
3.36 Create Yearly Repeat (every 4 years, bounded)	Pass	
3.37 Create custom repeat (RDATES only)		client cannot send rdates
3.38 Create repeat combination		
3.39 Create repeating event plus custom repeat (RRULE + RDATE)		client cannot send rdates
3.40 Create a repeating event with exceptions (RRULE + EXDATE, bounded)	Pass	
3.41 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)		client cannot send rdates
3.42 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)		client cannot do rdates

3.43 Modify anniversary		anniversary flag not supported
3.44 Modify occurrences of repeating meeting	Pass	
3.45 Delete recurring meeting	Pass	
4.1 Create Entry as owner with Attendees from Server	Pass	
4.2 Accept Entry as Invitee from Device		there is no native way to do this
4.3 Create Entry as owner with Attendees from Device	Pass	
5.1 Time Zones and Simple Meetings		currently only can sending floating
5.2 Time Zones and Repeating Meetings		currently only can sending floating
5.3 Time Zones and All-Day Events		currently only can sending floating
5.4 Spring Daylight Savings Single Entries from Server		currently only can sending floating
5.5 Spring Daylight Savings Repeating Entry from Server		currently only can sending floating
5.6 Autumn Daylight Savings Single Entries from Device		currently only can sending floating
5.7 Autumn Daylight Savings Recurring Entry from Device		currently only can sending floating
6.1 Create task	Pass	
6.2 Task Access Level and Priority	Pass	
6.3 Create task with alarm	Pass	
6.4 Mark task as completed	Pass	
6.5 Special Characters From Server	Pass	
6.6 Multi-Byte Characters From Server	Pass	
6.7 Deletion	Pass	
6.8 Create task	Pass	
6.9 Task Access Level and Priority	Pass	
6.10 Create task with alarm	Pass	
6.11 Mark task as completed	Pass	
6.12 Special Characters From Device	Pass	
6.13 Multi-Byte Characters From Device	Pass	
6.14 Deletion	Pass	
7.1 Create new contact with minimal fields from the server	Pass	
7.2 Create new contact with minimal fields from the device	Pass	
7.3 Special Characters	Pass	
7.4 Multi-Byte Characters	Pass	
7.5 Delete a contact from the server	Pass	
7.6 Delete a contact from the device	Pass	
8.1 Create new contact with addresses from the server	Pass	
8.2 Create new contact with addresses from the device	Pass	
9.1 Create new contact with telephone numbers from the server	Pass	
9.2 Create new contact with telephone numbers from the device	Pass	
10.1 Create new contact with emails from the server	Pass	
10.2 Create new contact with urls/web page addresses from the server.	Pass	
10.3 Create new contact with emails from the device	Pass	
10.4 Create new contact with urls/web page	Pass	

addresses from the device

Test Pair 6

Test ID	Status	Comments
1.1 Create an Event with a Reminder	Fail	waiting for valarm to be added to devinf
1.2 Access Level and Priority	Pass	access level not support by client
1.3 Special Characters From Server	Pass	
1.4 Multi-Byte Characters From Server	Pass	
1.5 Deletion	Pass	
1.6 Create an Event with a Reminder	Pass	
1.7 Access Level and Priority (can only be done if device supports setting an access level or priority)	Pass	same as issue 1.1 with valarm
1.8 Special Characters from Device	Pass	
1.9 Multi-Byte Characters from Device	Pass	
1.10 Deletion	Pass	
2.1 Create all-day event in same time zone	Pass	client and server do not associate timezone with day events
2.2 Create all-day event to device in different time zone	Pass	
2.3 Create a Single Instance All Day Event with Reminder	Pass	same issue as 1.1, missing timezone
2.4 Create an anniversary all-day event	Pass	
2.5 All-day event on last day of month & last day of year check	Pass	device and server do not have direct property for this, so we just assumed that it was a yearly recurrence
2.6 Create a Single Instance Holiday with Reminder	Pass	similarly, server and client do not directly support holiday, but we assumed this is a yearly recurrence with multiple days
2.7 Update an all-day event on server and synchronize back to mobile device in same time zone	Pass	
2.8 Update an all-day event on server and synchronize back to a device in different time zone	Fail	modify single day event to yearly from device failed on server
2.9 Create a Single Instance Multi-day Day Event	Pass	
2.10 Remove Single Instance Meeting, Day Event, and Holiday		
2.11 Create an all-day event and synchronize to a server in same time zone	Pass	
2.12 Create an all-day event and synchronize to a server in different time zone	Pass	
2.13 Create a Single Instance All Day Event with Reminder	Pass	
2.14 Create an anniversary all-day event	Pass	
2.15 Update an all-day event on mobile device and synchronize back to server in same time zone	Pass	
2.16 Update an all-day event on mobile device and synchronize back to a server in different time zone	Pass	
2.17 Create a Single Instance Multi-Day Day Event	Pass	

2.18 Remove Single Instance Meeting, Day Event, and Holiday	Pass	
3.1 Create Daily Repeat (every day, bounded)		server replace recurrences with single meetings so these do not apply for 3.1 to 3.22
3.2 Create Daily Repeat (every other day, unbounded)		
3.3 Create Daily Repeat (every 7 days, unbounded)		
3.4 Create Weekly Repeat (every Wed, unbounded)		
3.5 Create Weekly repeat (Wed & Fri, unbounded)		
3.6 Create Fortnightly Repeat (unbounded)		
3.7 Create Monthly By Date Repeat (unbounded)		
3.8 Create Monthly By Day Repeat (first occurrence, bounded)		
3.9 Create Monthly By Day Repeat (nth occurrences, bounded)		
3.10 Create Monthly By Day Repeat (last occurrence, bounded)		
3.11 Create Yearly Repeat (every year, unbounded)		
3.12 Create Yearly Repeat (every year for 5 years, bounded)		
3.13 Create Yearly Repeat (every 4 years, bounded)		
3.14 Create custom repeat (RDATES only)		
3.15 Create repeat combination		
3.16 Create repeating event plus custom repeat (RRULE + RDATE)		
3.17 Create a repeating event with exceptions (RRULE + EXDATE, bounded)		
3.18 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)		
3.19 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)		
3.20 Modify anniversary		
3.21 Modify occurrences of repeating meeting		
3.22 Modify exceptions of repeating meeting		
3.23 Delete recurring meeting	pass	
3.24 Create Daily Repeat (every day, bounded)	pass	
3.25 Create Daily Repeat (every other day, unbounded)	pass	
3.26 Create Daily Repeat (every 7 days, unbounded)	pass	
3.27 Create Weekly Repeat (every Wed, unbounded)	pass	
3.28 Create Weekly repeat (Wed & Fri, unbounded)	pass	

3.29 Create Fortnightly Repeat (unbounded)	pass	
3.30 Create Monthly By Date Repeat (unbounded)	pass	
3.31 Create Monthly By Day Repeat (first occurrence, bounded)	pass	some tests can be run at the same time such as the next 3
3.32 Create Monthly By Day Repeat (nth occurrences, bounded)	pass	
3.33 Create Monthly By Day Repeat (last occurrence, bounded)	pass	
3.34 Create Yearly Repeat (every year, unbounded)	pass	
3.35 Create Yearly Repeat (every year for 5 years, bounded)	pass	
3.36 Create Yearly Repeat (every 4 years, bounded)	pass	
3.37 Create custom repeat (RDATES only)		device does not support rdates or combination
3.38 Create repeat combination		
3.39 Create repeating event plus custom repeat (RRULE + RDATE)		
3.40 Create a repeating event with exceptions (RRULE + EXDATE, bounded)	pass	
3.41 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)		
3.42 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)		
3.43 Modify anniversary	pass	
3.44 Modify occurrences of repeating meeting	pass	
3.45 Delete recurring meeting	pass	
4.1 Create Entry as owner with Attendees from Server	pass	attendee parsing error on client … try again later
4.2 Accept Entry as Invitee from Device	Pass	only via markup in subject
4.3 Create Entry as owner with Attendees from Device	pass	
5.1 Time Zones and Simple Meetings	pass	
5.2 Time Zones and Repeating Meetings	pass	
5.3 Time Zones and All-Day Events	pass	
5.4 Spring Daylight Savings Single Entries from Server	pass	
5.5 Spring Daylight Savings Repeating Entry from Server	pass	
5.6 Autumn Daylight Savings Single Entries from Device	pass	
5.7 Autumn Daylight Savings Recurring Entry from Device	pass	
6.1 Create task	Fail	property status not sending in_process or cancelled, but it is receiving quite well
6.2 Task Access Level and Priority	pass	
6.3 Create task with alarm		client+server do not support tasks with alarms
6.4 Mark task as completed	pass	

6.5 Special Characters From Server	pass	
6.6 Multi-Byte Characters From Server	pass	
6.7 Deletion	pass	
6.8 Create task	pass	
6.9 Task Access Level and Priority	pass	
6.10 Create task with alarm	pass	
6.11 Mark task as completed	pass	
6.12 Special Characters From Device	pass	
6.13 Multi-Byte Characters From Device	pass	
6.14 Deletion	pass	
7.1 Create new contact with minimal fields from the server	pass	bday not working on server
7.2 Create new contact with minimal fields from the device	pass	
7.3 Special Characters	pass	
7.4 Multi-Byte Characters	pass	
7.5 Delete a contact from the server	pass	
7.6 Delete a contact from the device	pass	
8.1 Create new contact with addresses from the server	pass	note, BDAY property did not pass but it was not a test
8.2 Create new contact with addresses from the device	pass	combined some of these into single test
9.1 Create new contact with telephone numbers from the server	pass	
9.2 Create new contact with telephone numbers from the device	pass	
10.1 Create new contact with emails from the server	pass	
10.2 Create new contact with urls/web page addresses from the server.	pass	
10.3 Create new contact with emails from the device	pass	
10.4 Create new contact with urls/web page addresses from the device	pass	

Test Pair 7

Test ID	Status	Comments
1.1 Create an Event with a Reminder	Pass	
1.2 Access Level and Priority	Pass	
1.3 Special Characters From Server	Pass	tests only possible with VCALENDAR1.0, folding problems
1.4 Multi-Byte Characters From Server	Pass	tests only possible with VCALENDAR1.0, folding problems
1.5 Deletion	Fail	Server performs just slow sync
1.6 Create an Event with a Reminder	Fail	Mix between 2.0 and 1.1 format causes problems
1.7 Access Level and Priority (can only be done if device supports setting an access level or priority)	Pass	
1.8 Special Characters from Device	Pass	
1.9 Multi-Byte Characters from Device	Pass	
1.10 Deletion	Fail	Server performs just slow sync and can't delete
2.1 Create all-day event in same time zone	Fail	Mix between 2.0 and 1.1 format causes problems
2.2 Create all-day event to device in different time zone	HalfPass	Allday is ok, but still mix
2.3 Create a Single Instance All Day Event with Reminder	-	
2.4 Create an anniversary all-day event	-	same as 2.1
2.5 All-day event on last day of month & last day of year check	HalfPass	Mix between 2.0 and 1.1 format causes problems
2.6 Create a Single Instance Holiday with Reminder	HalfPass	X-Label is Kerio specific
2.7 Update an all-day event on server and synchronize back to mobile device in same time zone	Pass	
2.8 Update an all-day event on server and synchronize back to a device in different time zone	Pass	
2.9 Create a Single Instance Multi-day Day Event	HalfPass	Mix between 2.0 and 1.1 format causes problems
2.10 Remove Single Instance Meeting, Day Event, and Holiday	Fail	Server performs just slow sync
2.11 Create an all-day event and synchronize to a server in same time zone	Pass	
2.12 Create an all-day event and synchronize to a server in different time zone	Pass	
2.13 Create a Single Instance All Day Event with Reminder	Fail	Mix between 2.0 and 1.1 format causes problems
2.14 Create an anniversary all-day event	Pass	
2.15 Update an all-day event on mobile device and synchronize back to server in same time zone	Pass	
2.16 Update an all-day event on mobile device and synchronize back to a server in different time zone	Pass	
2.17 Create a Single Instance Multi-Day Day Event	Pass	

2.18 Remove Single Instance Meeting, Day Event, and Holiday	Fail	Server performs just slow sync and can't delete
3.1 Create Daily Repeat (every day, bounded)	Pass	
3.2 Create Daily Repeat (every other day, unbounded)	Pass	
3.3 Create Daily Repeat (every 7 days, unbounded)	Pass	
3.4 Create Weekly Repeat (every Wed, unbounded)	Pass	
3.5 Create Weekly repeat (Wed & Fri, unbounded)	Pass	
3.6 Create Fortnightly Repeat (unbounded)	Pass	
3.7 Create Monthly By Date Repeat (unbounded)	Pass	
3.8 Create Monthly By Day Repeat (first occurrence, bounded)	Pass	
3.9 Create Monthly By Day Repeat (nth occurrences, bounded)	-	only possible with more than one entry
3.10 Create Monthly By Day Repeat (last occurrence, bounded)	Fail	Server will not send MP1 1-, but just MP1
3.11 Create Yearly Repeat (every year, unbounded)	Fail	Server sends YM1 2 14 #0 instead of Y1 #0
3.12 Create Yearly Repeat (every year for 5 years, bounded)	Fail	Server sends YM1 4 1 #5 instead of Y1#5
3.13 Create Yearly Repeat (every 4 years, bounded)	-	only possible with more than one entry
3.14 Create custom repeat (RDATES only)	-	only possible with more than one entry
3.15 Create repeat combination	FAIL	Client and Server do not support this
3.16 Create repeating event plus custom repeat (RRULE + RDATE)	Fail	Server can't support EXDATES with 1.1
3.17 Create a repeating event with exceptions (RRULE + EXDATE, bounded)	Fail	Server can't support EXDATES with 1.1
3.18 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)	Fail	Server can't support EXDATES with 1.1
3.19 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)	Fail	Server can't support EXDATES with 1.1
3.20 Modify anniversary	Pass	
3.21 Modify occurrences of repeating meeting	Pass	Server sends reccurence end date in UTC
3.22 Modify exceptions of repeating meeting	Fail	Server can't support EXDATES with 1.1
3.23 Delete recurring meeting	Fail	Server performs just slow sync
3.24 Create Daily Repeat (every day, bounded)	Pass	
3.25 Create Daily Repeat (every other day, unbounded)	Pass	
3.26 Create Daily Repeat (every 7 days, unbounded)	Pass	
3.27 Create Weekly Repeat (every Wed, unbounded)	Pass	
3.28 Create Weekly repeat (Wed & Fri, unbounded)	Pass	
3.29 Create Fortnightly Repeat (unbounded)	Pass	
3.30 Create Monthly By Date Repeat (unbounded)	Pass	

3.31 Create Monthly By Day Repeat (first occurrence, bounded)	Pass	
3.32 Create Monthly By Day Repeat (nth occurrences, bounded)	FAIL	Client and Server do not support this
3.33 Create Monthly By Day Repeat (last occurrence, bounded)	Fail	Server can't recognize -1FR correctly
3.34 Create Yearly Repeat (every year, unbounded)	Pass	
3.35 Create Yearly Repeat (every year for 5 years, bounded)	Pass	
3.36 Create Yearly Repeat (every 4 years, bounded)	Pass	
3.37 Create custom repeat (RDATES only)	-	only possible with more than one entry
3.38 Create repeat combination	Fail	Client can't handle BYMONTH+BYDAY combinations
3.39 Create repeating event plus custom repeat (RRULE + RDATE)	Fail	Server can't support EXDATES with 1.1
3.40 Create a repeating event with exceptions (RRULE + EXDATE, bounded)	Fail	Server can't support EXDATES with 1.1
3.41 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)	Fail	Server can't support EXDATES with 1.1
3.42 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)	Fail	Server can't support EXDATES with 1.1
3.43 Modify anniversary	HalfPass	Mix between 2.0 and 1.1 format causes problems
3.44 Modify occurrences of repeating meeting	Pass	
3.45 Delete recurring meeting	Fail	Server performs just slow sync and can't delete
4.1 Create Entry as owner with Attendees from Server	Pass	Mix between 2.0 and 1.1 format workaround at client
4.2 Accept Entry as Invitee from Device	Fail	Attendees ok, but Server does not accept status this way
4.3 Create Entry as owner with Attendees from Device	Fail	Attendees ok, but Server does not accept status this way
5.1 Time Zones and Simple Meetings	Fail	TZ recognition not appropriate
5.2 Time Zones and Repeating Meetings	Fail	TZ recognition not appropriate
5.3 Time Zones and All-Day Events	Fail	TZ recognition not appropriate
5.4 Spring Daylight Savings Single Entries from Server	Fail	TZ recognition not appropriate
5.5 Spring Daylight Savings Repeating Entry from Server	Fail	TZ recognition not appropriate
5.6 Autumn Daylight Savings Single Entries from Device	Fail	TZ recognition not appropriate
5.7 Autumn Daylight Savings Recurring Entry from Device	Fail	TZ recognition not appropriate
6.1 Create task	Fail	Tasks not supported on server side
6.2 Task Access Level and Priority	Fail	Tasks not supported on server side
6.3 Create task with alarm	Fail	Tasks not supported on server side
6.4 Mark task as completed	Fail	Tasks not supported on server side
6.5 Special Characters From Server	Fail	Tasks not supported on server side
6.6 Multi-Byte Characters From Server	Fail	Tasks not supported on server side
6.7 Deletion	Fail	Tasks not supported on server side
6.8 Create task	Fail	Tasks not supported on server side

6.9 Task Access Level and Priority	Fail	Tasks not supported on server side
6.10 Create task with alarm	Fail	Tasks not supported on server side
6.11 Mark task as completed	Fail	Tasks not supported on server side
6.12 Special Characters From Device	Fail	Tasks not supported on server side
6.13 Multi-Byte Characters From Device	Fail	Tasks not supported on server side
6.14 Deletion	Fail	Tasks not supported on server side
7.1 Create new contact with minimal fields from the server	Pass	
7.2 Create new contact with minimal fields from the device	Pass	
7.3 Special Characters	Pass	tests only possible with VCARD2.1, folding problems
7.4 Multi-Byte Characters	Pass	
7.5 Delete a contact from the server	Fail	Server performs just slow sync and can't delete
7.6 Delete a contact from the device	Fail	Server performs just slow sync and can't delete
8.1 Create new contact with addresses from the server	Pass	tests only possible with VCARD2.1, folding problems
8.2 Create new contact with addresses from the device	Fail	ADDTL (2nd) field will be removed on server
9.1 Create new contact with telephone numbers from the server	Pass	
9.2 Create new contact with telephone numbers from the device	Pass	
10.1 Create new contact with emails from the server	Pass	
10.2 Create new contact with urls/web page addresses from the server.	Pass	
10.3 Create new contact with emails from the device	Pass	
10.4 Create new contact with urls/web page addresses from the device	Pass	

Summary

The first mobile event found the test suite had too many scenarios to test during one event. Therefore, this time we tested only a subset of the scenarios and this proved to be the right thing to do. Participants were able to get through all the scenarios and provide commentary. It was found that there were some things tested that appeared to be redundant. Gregory Pekofsky put together a document that provides suggestions on how to streamline the limited subset so we can better utilize our valuable testing time. His suggested are noted in Appendix B at the end of this document.

As usual, participants found that sitting in a room together and doing live testing was extremely useful. The facilities were perfect and connectivity, always an issue when doing mobile testing, was excellent.

We extend our thanks and appreciation to Kerio for providing with us with an excellent testing environment and very helpful and professional staff. We also thank the participants for their time in helping us further interoperability among mobile devices and calendaring.

Respectfully submitted by Patricia Egen.

Appendix A Testing Scenarios – Subset

1.1 Create an Event with a Reminder
1.2 Access Level and Priority
1.3 Special Characters From Server
1.4 Multi-Byte Characters From Server
1.5 Deletion
1.6 Create an Event with a Reminder
1.7 Access Level and Priority (can only be done if device supports setting an access level or priority)
1.8 Special Characters from Device
1.9 Multi-Byte Characters from Device
1.10 Deletion
2.1 Create all-day event in same time zone
2.2 Create all-day event to device in different time zone
2.3 Create a Single Instance All Day Event with Reminder
2.4 Create an anniversary all-day event
2.5 All-day event on last day of month & last day of year check
2.6 Create a Single Instance Holiday with Reminder
2.7 Update an all-day event on server and synchronize back to mobile device in same time zone
2.8 Update an all-day event on server and synchronize back to a device in different time zone
2.9 Create a Single Instance Multi-day Day Event
2.10 Remove Single Instance Meeting, Day Event, and Holiday
2.11 Create an all-day event and synchronize to a server in same time zone
2.12 Create an all-day event and synchronize to a server in different time zone
2.13 Create a Single Instance All Day Event with Reminder
2.14 Create an anniversary all-day event
2.15 Update an all-day event on mobile device and synchronize back to server in same time zone
2.16 Update an all-day event on mobile device and synchronize back to a server in different time zone
2.17 Create a Single Instance Multi-Day Day Event
2.18 Remove Single Instance Meeting, Day Event, and Holiday
3.1 Create Daily Repeat (every day, bounded)
3.2 Create Daily Repeat (every other day, unbounded)
3.3 Create Daily Repeat (every 7 days, unbounded)
3.4 Create Weekly Repeat (every Wed, unbounded)
3.5 Create Weekly repeat (Wed & Fri, unbounded)
3.6 Create Fortnightly Repeat (unbounded)
3.7 Create Monthly By Date Repeat (unbounded)
3.8 Create Monthly By Day Repeat (first occurrence, bounded)
3.9 Create Monthly By Day Repeat (nth occurrences, bounded)
3.10 Create Monthly By Day Repeat (last occurrence, bounded)
3.11 Create Yearly Repeat (every year, unbounded)
3.12 Create Yearly Repeat (every year for 5 years, bounded)
3.13 Create Yearly Repeat (every 4 years, bounded)
3.14 Create custom repeat (RDATES only)
3.15 Create repeat combination
3.16 Create repeating event plus custom repeat (RRULE + RDATE)
3.17 Create a repeating event with exceptions (RRULE + EXDATE, bounded)
3.18 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)
3.19 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)
3.20 Modify anniversary
3.21 Modify occurrences of repeating meeting
3.22 Modify exceptions of repeating meeting

3.23 Delete recurring meeting
3.24 Create Daily Repeat (every day, bounded)
3.25 Create Daily Repeat (every other day, unbounded)
3.26 Create Daily Repeat (every 7 days, unbounded)
3.27 Create Weekly Repeat (every Wed, unbounded)
3.28 Create Weekly repeat (Wed & Fri, unbounded)
3.29 Create Fortnightly Repeat (unbounded)
3.30 Create Monthly By Date Repeat (unbounded)
3.31 Create Monthly By Day Repeat (first occurrence, bounded)
3.32 Create Monthly By Day Repeat (nth occurrences, bounded)
3.33 Create Monthly By Day Repeat (last occurrence, bounded)
3.34 Create Yearly Repeat (every year, unbounded)
3.35 Create Yearly Repeat (every year for 5 years, bounded)
3.36 Create Yearly Repeat (every 4 years, bounded)
3.37 Create custom repeat (RDATES only)
3.38 Create repeat combination
3.39 Create repeating event plus custom repeat (RRULE + RDATE)
3.40 Create a repeating event with exceptions (RRULE + EXDATE, bounded)
3.41 Create a custom repeat with exceptions (RDATE + EXDATE, bounded)
3.42 Create repeating event plus custom repeat and exceptions (RRULE, RDATE & EXDATE)
3.43 Modify anniversary
3.44 Modify occurrences of repeating meeting
3.45 Delete recurring meeting
4.1 Create Entry as owner with Attendees from Server
4.2 Accept Entry as Invitee from Device
4.3 Create Entry as owner with Attendees from Device
5.1 Time Zones and Simple Meetings
5.2 Time Zones and Repeating Meetings
5.3 Time Zones and All-Day Events
5.4 Spring Daylight Savings Single Entries from Server
5.5 Spring Daylight Savings Repeating Entry from Server
5.6 Autumn Daylight Savings Single Entries from Device
5.7 Autumn Daylight Savings Recurring Entry from Device
6.1 Create task
6.2 Task Access Level and Priority
6.3 Create task with alarm
6.4 Mark task as completed
6.5 Special Characters From Server
6.6 Multi-Byte Characters From Server
6.7 Deletion
6.8 Create task
6.9 Task Access Level and Priority
6.10 Create task with alarm
6.11 Mark task as completed
6.12 Special Characters From Device
6.13 Multi-Byte Characters From Device
6.14 Deletion
7.1 Create new contact with minimal fields from the server
7.2 Create new contact with minimal fields from the device
7.3 Special Characters
7.4 Multi-Byte Characters

7.5 Delete a contact from the server
7.6 Delete a contact from the device
8.1 Create new contact with addresses from the server
8.2 Create new contact with addresses from the device
9.1 Create new contact with telephone numbers from the server
9.2 Create new contact with telephone numbers from the device
10.1 Create new contact with emails from the server
10.2 Create new contact with urls/web page addresses from the server.
10.3 Create new contact with emails from the device
10.4 Create new contact with urls/web page addresses from the device

Appendix B – Suggested Test Case modifications

3.1 Create Daily Repeat (every day, bounded)	3.1 to 3.19 can be combined into one sync titled with the name of the test
3.24 Create Daily Repeat (every day, bounded)	3.24 to 3.42 can be combined into one sync titled with the name of the test
1.1 Create an Event with a Reminder	combine 1.1 to 1.4
1.2 Access Level and Priority	combine 1.1 to 1.4
1.3 Special Characters From Server	combine 1.1 to 1.4
1.4 Multi-Byte Characters From Server	combine 1.1 to 1.4
1.6 Create an Event with a Reminder	combine 1.6 to 1.9
1.7 Access Level and Priority (can only be done if device supports setting an access level or priority)	combine 1.6 to 1.9
1.8 Special Characters from Device	combine 1.6 to 1.9
1.9 Multi-Byte Characters from Device	combine 1.6 to 1.9
1.10 Deletion	combine 1.6 to 1.9
2.1 Create all-day event in same time zone	combine 2.1 and 2.3
2.3 Create a Single Instance All Day Event with Reminder	combine 2.1 and 2.3
2.11 Create an all-day event and synchronize to a server in same time zone	combine 2.11 and 2.13
2.13 Create a Single Instance All Day Event with Reminder	combine 2.11 and 2.13
6.1 Create task	combine 6.1 to 6.6 into one sync
6.8 Create task	combine 6.8 to 6.13 into one sync
2.4 Create an anniversary all-day event	remove this as it is proprietary not apart of vcal
2.6 Create a Single Instance Holiday with Reminder	remove this as it is proprietary not apart of vcal
2.10 Remove Single Instance Meeting, Day Event, and Holiday	remove this as it is proprietary not apart of vcal
2.14 Create an anniversary all-day event	remove this as it is proprietary not apart of vcal
2.18 Remove Single Instance Meeting, Day Event, and Holiday	remove this as it is proprietary not apart of vcal
3.20 Modify anniversary	remove this as it is proprietary not apart of vcal
3.43 Modify anniversary	remove this as it is proprietary not apart of vcal
7.1 Create new contact with minimal fields from the server	remove this simple case
7.2 Create new contact with minimal fields from the device	remove this simple case
7.3 Special Characters	The rest of the test can be combined