

# **NEC Spherical Web Services**

SDK Release Note Version 6.4.1

## Sphericall Web Services SDK Release Note – V6.4.1

This document summarizes changes made in the web service interfaces (WSDL definitions) and other aspects of the SDK between Sphericall V6.4 and V6.4.1. Changes have been made to the Sphericall.wsdl so applications should be rebuilt with the latest files. No changes have been made to the Administration.wsdl. This version of SDK is compatible with Sphericall system release 6.4.0.20. It is recommended that you are up to date with all patches for 6.4.0.20 and later. These patches may contain fixes for issues encountered when using these web services. To install this SDK onto a 6.4.0.20 system you can replace the existing 6.4.0.20 webserver.exe and webserver\_ja.dll with the webserver.exe and webserver\_ja.dll contained within this SDK.

### Service Changes

Details of the changes listed below can be found in the SDK documentation. The major changes relate to more stringent string length checking for some of the parameters that are passed in the Sphericall.wsdl operations. For changes to the sphericall.wsdl, consult *SphericallWebServices\_V1.pdf* and *SphericallMediaServerServices.pdf*.

- **Database change notifications**

The mechanism for handling some database change notifications within the Web server has changed. In some cases the Web server will now wait 10 seconds (the default) after the final change notification before refreshing its internal view of the database. This delay can be overridden through the webserver.xml file by adding the "db\_refresh\_delay" parameter. The db\_refresh\_delay can be between 2000 and 20000 milliseconds.

- **CallHistory**

The behavior of the callHistory operation has changed. If the call log server is busy or unavailable the web server will retry the request for up to 20 seconds. If the call log server is still busy or unavailable the web server will return a result of CallLogServerBusy or CallLogServerUnavailable. The client application can then retry the request if desired.

- **CallControlResult (sphericall.wsdl)**

The following values have been added to the CallControlResult enumeration:

- NotSupportedOnSIP
- NotSupportedOnConfCalls
- TerminalStringTooLong
- UsernameTooLong
- NumberTooLong

- PickupgroupTooLong
- DigitStringTooLong
- AddressStringTooLong

- **MonitoringResult (sphericall.wsdl)**

Two new values, TerminalStringTooLong and AddressStringTooLong, have been added to the MonitoringResult enumeration. These results can be returned if the type or value string is too long in the Terminal or Address parameter.

- **AddressEntriesRequest (sphericall.wsdl)**

The workgroup boolean field has been removed from the request. This field wasn't being used by the Webserver and isn't application to our configuration information.

- **AddressEntriesResponse (sphericall.wsdl)**

A new result field of type ConfigResult has been added to this response to indicate errors in the request.

- **ConfigResult (sphericall.wsdl)**

TerminalStringTooLong, AddressStringTooLong and MatchStringTooLong have been added to the ConfigResult enumeration.

- **PresenceResult (sphericall.wsdl)**

PresenceNoteTooLarge, PresenceStringTooLarge and AddressStringTooLong have been added to the PresenceResult enumeration.

- **TextChatResult (sphericall.wsdl)**

AddressStringTooLong, DisplayNameTooLong and TextFieldTooLong have been added to the TextChatResult enumeration.

- **ForwardingResult (sphericall.wsdl)**

TerminalStringTooLong, AddressStringTooLong and ProfileNameTooLong have been added to the ForwardingResult enumeration.

- **CallHistoryResult (sphericall.wsdl)**

The CallHistoryResult enumeration has been extended to include the following results:

- InvalidValueForIncoming
- MaxLogsTooLarge
- StartDateInvalid

- EndDateInvalid
- NameTooLarge
- NumberTooLarge
- ServiceTooLarge
- AddressStringTooLong
- CallLogServerBusy
- CallLogServerUnavailable

- **SessionResult (spherical.wsdl)**

The SessionResult enumeration has been extended to include the following results:

- EventQueueOutOfRange
- ReasonTooLong
- InvalidRequest
- ApplicationStringTooLong
- HostStringTooLong
- InfoStringTooLong

- **MicrobrowserResult (spherical.wsdl)**

The MicrobrowserResult enumeration has been extended to include the following results:

- AlertStringTooLong
- ContentStringTooLong
- RedirectStringTooLong
- AddressStringTooLong

- **MediaControlRecordRequest(spherical.wsdl)**

The Prompt field has changed from a required to an optional field.

- **MediaControlCollectRequest(spherical.wsdl)**

The Prompt field has changed from a required to an optional field.

## **SDK Sample Changes**

- The sample applications have been rebuilt with the latest spherical.wsdl.

## **Unresolved Issues**

The following issues remain unresolved with this release of software (workarounds are noted if available):

| <b>Reference Number</b> | <b>Description &amp; Workaround (If applicable)</b>   |
|-------------------------|---|
| <b>7822</b>             | When a holdCallRequest is carried out to a Media Server Address the call is disconnected. Calls that are connected to a Mediaserver line cannot be put on hold.   |
| <b>7869</b>             | After a Sphericall Desktop dual mode ends with a Polycom terminal, the setting of presence is still possible through the web services.  |
| <b>7903</b>             | When an endpoint answers during the calling state the behavior of Polycom and the Sphericall Desktop are different.   |
| <b>7912</b>             | When an application sends a makeCall request to the Webserver and the destination parameter "number" is undefined in the numbering plan the Webserver sends back a response with success and a callID=0.  |
| <b>7928</b>             | When an attendedTransfer request is sent with a specified SIP URI (i.e. abc@def.com) as the destination then the transfer will fail.  |
| <b>7901</b>             | When a client makes a call to a SIP address, makeCall must set type to "sip". If a Sip Line is doing makeCall with another Sip line with format characters@domain then the system is not able to make a call and returns success to webserver.  |
| <b>8472</b>             | Invalid month being treated as January by media server. If an invalid month is passed in the MediaServerServices the Web Server is only sending the first digit of the month to the MediaServer. For example, if an application sends 15 as the month the Web Server will only send 1 as the month. |
| <b>8015</b>             | User is unable to rename the Hub or Station name using WebAdmin.  |
| <b>8017</b>             | Unable to set framing sf and mfas_crc using webAdmin.   |

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