

SW 6000 Conference Management Software, Version 6.3

SW 6186

Advanced Import/Export of Meetings

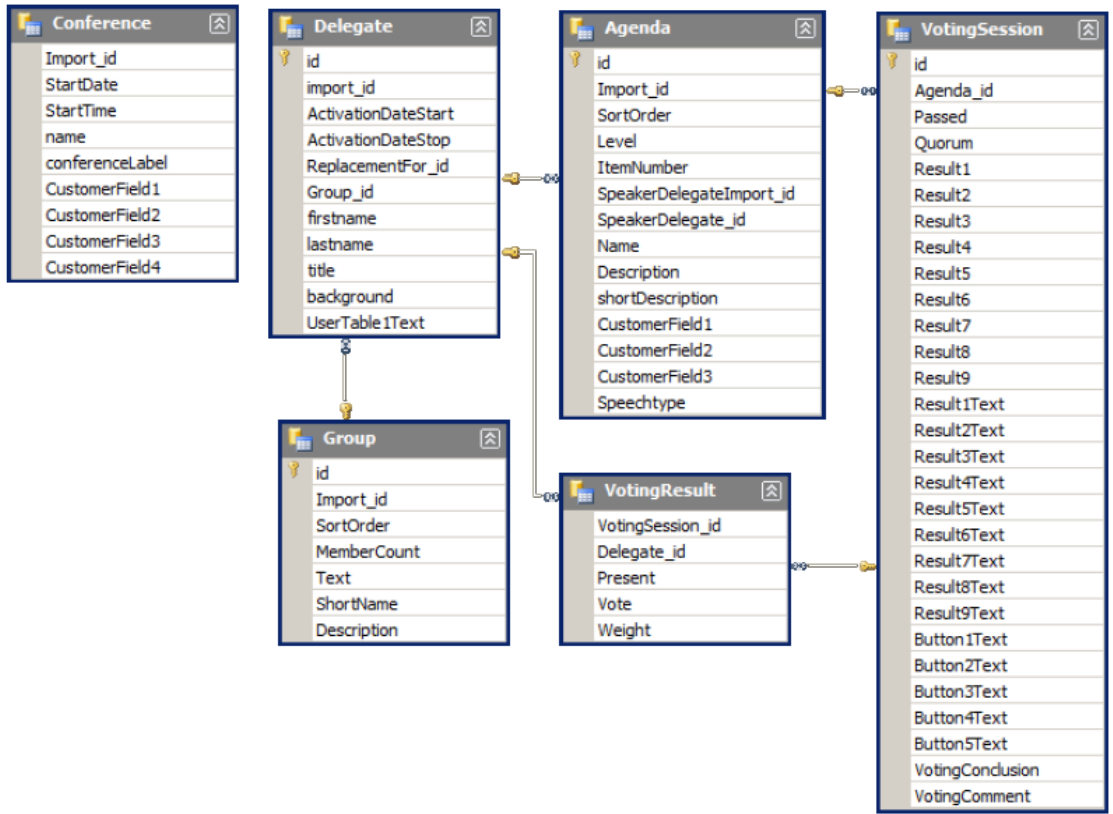


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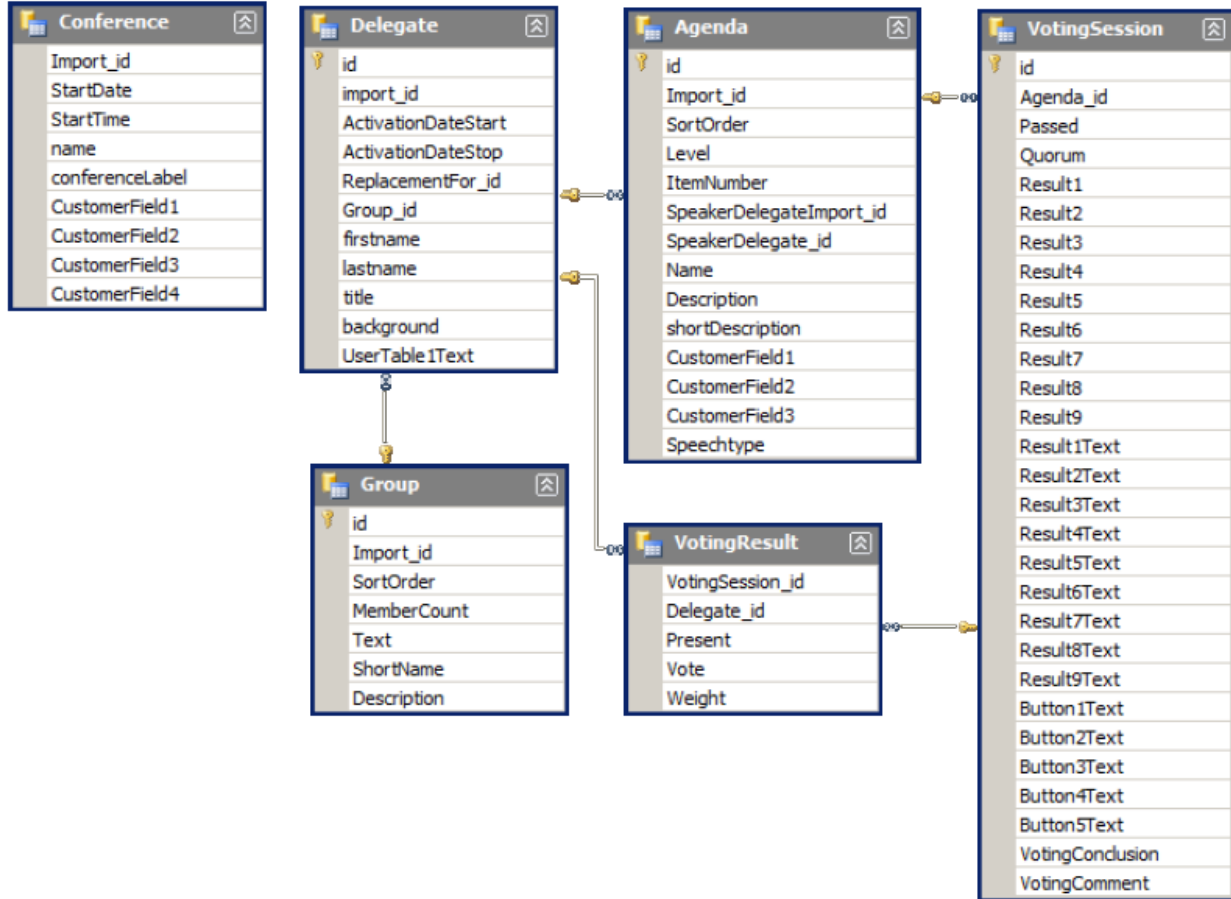
1 Introduction

Conference data can be imported to, and exported from SW6000 using the Conference Administration Application (CAA). Data is exported to, or imported from an XML formatted file. Upon export of data from the CAA, a schema file is also exported, defining

the data format used. To clarify the individual constructs and fields in the file, this document describes the data format used for such import/export operations in greater detail

2 Data format

Generically speaking, the contents of an import or export file can be schematically represented as depicted below.



That is, the file contains conference, delegate, delegate grouping, agenda, voting and delegate voting information. The following sections describe the individual data records in detail.

Each import/export file contains only one conference record. All other records in the file contain data related to that one conference.

Each import/Export file is mono-lingual. That is, all texts are exported using the language of the CAA, which is chosen at startup of the CAA application. If texts are not defined in that language, the default language version of the text will be exported instead.

The body of the import/export data file XML must be contained within an `<ExportConferenceDataDataSet></ExportConferenceDataDataSet>` tag pair.

2.1 Conference

The conference record contains information about the conference described in the import/export.

Since each import/export file only describes a single conference, only one Conference record is allowed in each import/export file.

Field name	Data type	Description
Import_id	Integer	External ID for conference. The ID the receiver of the export/creator of the import uses for this conference. This field only exists in export files from SW6000 if the conference has been previously imported with an Import_id.
StartDate	DateTime	Start date for the conference. When importing, both the start and stop date for the conference will be assigned this value.
StartTime	String (max. 10 chars)	A string representation of the start time for the conference. No parsing of the string will be done.
name	String (max. 50 chars)	The name of the conference.
conferenceLabel	String (max. 50 chars)	The label of the conference. This is what is dubbed "Id" for the conference in the CAA application.
CustomerField1	String (max. 100 chars)	The content of "Customer field 1" for the conference
CustomerField2	String (max. 100 chars)	The content of "Customer field 2" for the conference
CustomerField3	String (max. 100 chars)	The content of "Customer field 3" for the conference
CustomerField4	String (max. 100 chars)	The content of "Customer field 4" for the conference

A conference record exists within a <Conference></Conference> tag pair in the import/export file.

2.2 Delegate

The delegate record contains information about a delegate which is related to the conference. Since there can be many delegates related to a conference, many delegate records can exist in an import/export file.

Field name	Data type	Description
id	Integer	The ID of the delegate as used in this import/export file.
import_id	Integer	External ID for delegate. The ID the receiver of the export/creator of the import uses for this delegate. A delegate import_id must be unique amongst all delegates in the SW6000 system – not just amongst the delegates in one particular import file. This field only exists in export files from SW6000 if the delegate has been previously imported with an Import_id.
ActivationDateStart	DateTime, optional	Start date for the delegate replacement specified in ReplacementFor_id field
ActivationDateStop	DateTime, optional	Stop date for the delegate replacement specified in ReplacementFor_id field
ReplacementFor_id	Integer, optional	The ID of a delegate which this delegate replaces.
Group_id	Integer, optional	The ID of the group this delegate is a member of.
firstname	String (max. 50 chars)	First name of the delegate
lastname	String (max. 50 chars)	Last name of the delegate
title	String (max. 50 chars)	Title of the delegate
background	String (max. 100 chars)	The background description of the delegate
UserTable1Text	String (max. 30 chars)	The content of "User Table 1" for the delegate

When importing it is required that import_id is specified.

import_id will, however, only be specified in an export file if a value has been assigned to the delegate.

When importing, it is required that, if specified, ActivationDateStart be an earlier date than ActivationDateStop, or that ActivationDateStop is not specified. If no ActivationDateStart is specified no ActivationDateStop may be specified.

If the delegate is already present when importing (based on the import_id field) the delegate is updated in the database. Any optional fields not specified will be assigned default values.

A delegate record exists within a <Delegate></Delegate> tag pair in the import/export file.

2.3 Group

The group record describes a group to which delegates can be related. Many groups may be defined in a single import/Export file.

Field name	Data type	Description
id	Integer	The ID of the group used as in this import/export file.
Import_id	Integer	External ID for group. The ID the receiver of the export/creator of the import uses for this group. A group Import_id must be unique amongst all groups in the SW6000 system – not just amongst the groups in one particular import file. This field only exists in export files from SW6000 if the group has been previously imported with an Import_id.
SortOrder	Integer	The sorting priority of the group
Text	String (max. 100 chars)	The name of the group
ShortName	String (max. 30 chars)	The abbreviated name for the group
Description	String (max. 100 chars), optional	Description for the group.

A group record exists within a <Group></Group> tag pair in the import/export file.

2.4 Agenda

The agenda record describes a single agenda item for the conference. Many agenda items can exist in a single import/export file.

Field name	Data type	Description
id	Integer	The ID of the agenda item as used in this import/export file.
Import_id	Integer	External ID for agenda item. The ID the receiver of the export/creator of the import uses for this agenda item. This field only exists in export files from SW6000 if the agenda item has been previously imported with an Import_id.
SortOrder	Integer	The position in the agenda of this agenda item. This must be a number in the range 1 to number of agenda items.
Level	Integer	The subordination level of the agenda item. Must be in range 1 to 6, with level 1 being a top level agenda item.
ItemNumber	Integer	The item number of the agenda item.
SpeakerDelegateImport_id	Integer, optional	The external ID for a delegate which is going to speak in this agenda item. On import, this field is not used if the SpeakerDelegate_id is specified. It is thus possible to specify SpeakerDelegateImport_id without specifying SpeakerDelegate_id, effectively referring a delegate by its Import_id rather than its id field. On export this field is only present if SpeakerDelegate_id is present, and the delegate specified has an Import_id value.
SpeakerDelegate_id	Integer, optional	The ID for a delegate which is going to speak in this agenda item.
Name	String (max. 1.000 chars)	The name of the agenda item
Description	String (max. 10.000 chars)	A description for the agenda item
shortDescription	String (max. 500 chars)	A short description for the agenda item
CustomerField1	String (max. 100 chars)	The content of "Customer field 1" for the agenda.
CustomerField2	String (max. 100 chars)	The content of "Customer field 2" for the agenda.
CustomerField3	String (max. 100 chars)	The content of "Customer field 3" for the agenda.

Speecheype	String (max. 100 chars)	The speaker type of the agenda item
------------	-------------------------	-------------------------------------

Import of agenda items is disallowed for a conference if there has been voted on one or more agenda items.

An agenda record exists within an <Agenda></Agenda> tag pair in the import/export file.

2.5 VotingSession

The voting session record describes the result of a voting related to an agenda item. Many voting sessions may exist in an export file. Voting sessions, however, cannot be imported, and are thus not allowed in import files.

If no voting has been performed during an agenda item, there will be no voting session record for that agenda item.

Field name	Data type	Description
id	Integer	The ID of the voting session as used in this import/export file.
Agenda_id	Integer	The ID of the agenda item this VotingSession is for
Passed	Integer	Voting result: 1 – Passed 0 – Not passed -1 – Not voted
Quorum	Integer	Quorum check result: 1 – Passed 0 – Not passed -2 – Not checked
Result1	Integer	The result of Result1 of the voting
Result2	Integer	The result of Result2 of the voting
Result3	Integer	The result of Result3 of the voting
Result4	Integer	The result of Result4 of the voting
Result5	Integer	The result of Result5 of the voting
Result6	Integer	The result of Result6 of the voting
Result7	Integer	The result of Result7 of the voting
Result8	Integer	The result of Result8 of the voting
Result9	Integer	The result of Result9 of the voting
Result1Text	String (max. 25 chars)	The name of Result1, i.e. its label for presentation.
Result2Text	String (max. 25 chars)	The name of Result2, i.e. its label for presentation.
Result3Text	String (max. 25 chars)	The name of Result3, i.e. its label for presentation.
Result4Text	String (max. 25 chars)	The name of Result4, i.e. its label for presentation.
Result5Text	String (max. 25 chars)	The name of Result5, i.e. its label for presentation.
Result6Text	String (max. 25 chars)	The name of Result6, i.e. its label for presentation.

Result7Text	String (max. 25 chars)	The name of Result7, i.e. its label for presentation.
Result8Text	String (max. 25 chars)	The name of Result8, i.e. its label for presentation.
Result9Text	String (max. 25 chars)	The name of Result9, i.e. its label for presentation.
Button1Text	String (max. 25 chars)	The name of voting button 1
Button2Text	String (max. 25 chars)	The name of voting button 2
Button3Text	String (max. 25 chars)	The name of voting button 3
Button4Text	String (max. 25 chars)	The name of voting button 4
Button5Text	String (max. 25 chars)	The name of voting button 5
VotingConclusion	String (max. 3500 chars)	Autogenerated conclusion for the voting.
VotingComment	String (max. 3500 chars)	Voting comment, as entered in the CAA after voting.

The Result1-9 fields are calculated using the result formulas defined in the CAA for the relevant voting configuration.

A VotingSession record exists within a <VotingSession></VotingSession> tag pair in the export file.

2.6 VotingResult

The voting result record describes the voting result of a single delegate in a single voting session. Many voting session may exist, so the same delegate may have many voting result records, albeit only one voting result per voting session.

Field name	Data type	Description
VotingSession_id	Integer	The ID of the voting session this VotingResult is for
Delegate_id	Integer	The ID of the delegate this VotingResult is for
Present	Integer	The presence result of the delegate. 0 if the user was not present.
Vote	Integer	The voting button which was pressed by the delegate. A value in range 1-5. The vote name of the selected button is found in VotingSession fields ButtonNText.
Weight	Integer	The voting weight of the delegate at the time of voting.

A VotingResult record exists within a <VotingResult></VotingResult> tag pair in the export file.

3 File format XSD

```

<?xml version="1.0" standalone="yes"?>
<xs:schema id="ExportConferenceDataDataSet" xmlns="" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:msdata="urn:schemas-microsoft-com:xml-msdata">
  <xs:element name="ExportConferenceDataDataSet" msdata:IsDataSet="true"
msdata:UseCurrentLocale="true">
    <xs:complexType>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element name="Conference">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="Import_id" type="xs:int" minOccurs="0" />
              <xs:element name="StartDate" type="xs:dateTime" minOccurs="0" />
              <xs:element name="StartTime" type="xs:string" minOccurs="0" />
              <xs:element name="name" type="xs:string" minOccurs="0" />
              <xs:element name="conferenceLabel" type="xs:string" minOccurs="0" />
              <xs:element name="CustomerField1" type="xs:string" minOccurs="0" />
              <xs:element name="CustomerField2" type="xs:string" minOccurs="0" />
              <xs:element name="CustomerField3" type="xs:string" minOccurs="0" />
              <xs:element name="CustomerField4" type="xs:string" minOccurs="0" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="Agenda">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="id" type="xs:int" minOccurs="0" />
              <xs:element name="Import_id" type="xs:int" minOccurs="0" />
              <xs:element name="SortOrder" type="xs:int" minOccurs="0" />
              <xs:element name="Level" type="xs:int" minOccurs="0" />
              <xs:element name="ItemNumber" type="xs:string" minOccurs="0" />
              <xs:element name="SpeakerDelegateImport_id" type="xs:int" minOccurs="0" />
              <xs:element name="SpeakerDelegate_id" type="xs:int" minOccurs="0" />
              <xs:element name="Name" type="xs:string" minOccurs="0" />
              <xs:element name="Description" type="xs:string" minOccurs="0" />
              <xs:element name="shortDescription" type="xs:string" minOccurs="0" />
              <xs:element name="CustomerField1" type="xs:string" minOccurs="0" />
              <xs:element name="CustomerField2" type="xs:string" minOccurs="0" />
              <xs:element name="CustomerField3" type="xs:string" minOccurs="0" />
              <xs:element name="Speechtype" type="xs:string" minOccurs="0" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:choice>
    </xs:complexType>
  </xs:element>
</xs:schema>

```

```

    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Group">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="id" type="xs:int" minOccurs="0" />
      <xs:element name="Import_id" type="xs:int" minOccurs="0" />
      <xs:element name="SortOrder" type="xs:int" minOccurs="0" />
      <xs:element name="MemberCount" type="xs:int" minOccurs="0" />
      <xs:element name="Text" type="xs:string" minOccurs="0" />
      <xs:element name="ShortName" type="xs:string" minOccurs="0" />
      <xs:element name="Description" type="xs:string" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Delegate">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="id" type="xs:int" minOccurs="0" />
      <xs:element name="import_id" type="xs:int" minOccurs="0" />
      <xs:element name="ActivationDateStart" type="xs:dateTime" minOccurs="0" />
      <xs:element name="ActivationDateStop" type="xs:dateTime" minOccurs="0" />
      <xs:element name="ReplacementFor_id" type="xs:int" minOccurs="0" />
      <xs:element name="Group_id" type="xs:int" minOccurs="0" />
      <xs:element name="firstname" type="xs:string" minOccurs="0" />
      <xs:element name="lastname" type="xs:string" minOccurs="0" />
      <xs:element name="title" type="xs:string" minOccurs="0" />
      <xs:element name="background" type="xs:string" minOccurs="0" />
      <xs:element name="UserTable1Text" type="xs:string" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="VotingSession">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="id" type="xs:int" minOccurs="0" />
      <xs:element name="Agenda_id" type="xs:int" minOccurs="0" />
      <xs:element name="Passed" type="xs:int" minOccurs="0" />
      <xs:element name="Quorum" type="xs:int" minOccurs="0" />
      <xs:element name="Result1" type="xs:int" minOccurs="0" />
      <xs:element name="Result2" type="xs:int" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

<xs:element name="Result3" type="xs:int" minOccurs="0" />
<xs:element name="Result4" type="xs:int" minOccurs="0" />
<xs:element name="Result5" type="xs:int" minOccurs="0" />
<xs:element name="Result6" type="xs:int" minOccurs="0" />
<xs:element name="Result7" type="xs:int" minOccurs="0" />
<xs:element name="Result8" type="xs:int" minOccurs="0" />
<xs:element name="Result9" type="xs:int" minOccurs="0" />
<xs:element name="Result1Text" type="xs:string" minOccurs="0" />
<xs:element name="Result2Text" type="xs:string" minOccurs="0" />
<xs:element name="Result3Text" type="xs:string" minOccurs="0" />
<xs:element name="Result4Text" type="xs:string" minOccurs="0" />
<xs:element name="Result5Text" type="xs:string" minOccurs="0" />
<xs:element name="Result6Text" type="xs:string" minOccurs="0" />
<xs:element name="Result7Text" type="xs:string" minOccurs="0" />
<xs:element name="Result8Text" type="xs:string" minOccurs="0" />
<xs:element name="Result9Text" type="xs:string" minOccurs="0" />
<xs:element name="Button1Text" type="xs:string" minOccurs="0" />
<xs:element name="Button2Text" type="xs:string" minOccurs="0" />
<xs:element name="Button3Text" type="xs:string" minOccurs="0" />
<xs:element name="Button4Text" type="xs:string" minOccurs="0" />
<xs:element name="Button5Text" type="xs:string" minOccurs="0" />
<xs:element name="VotingConclusion" type="xs:string" minOccurs="0" />
<xs:element name="VotingComment" type="xs:string" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="VotingResult">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="VotingSession_id" type="xs:int" minOccurs="0" />
      <xs:element name="Delegate_id" type="xs:int" minOccurs="0" />
      <xs:element name="Present" type="xs:double" minOccurs="0" />
      <xs:element name="Vote" type="xs:double" minOccurs="0" />
      <xs:element name="Weight" type="xs:double" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:choice>
</xs:complexType>
<xs:unique name="Constraint1">
  <xs:selector xpath="//Agenda" />
  <xs:field xpath="id" />

```

```
</xs:unique>
<xs:unique name="Group_Constraint1" msdata:ConstraintName="Constraint1">
  <xs:selector xpath="//Group" />
  <xs:field xpath="id" />
</xs:unique>
<xs:unique name="Delegate_Constraint1" msdata:ConstraintName="Constraint1">
  <xs:selector xpath="//Delegate" />
  <xs:field xpath="id" />
</xs:unique>
<xs:unique name="VotingSession_Constraint1" msdata:ConstraintName="Constraint1">
  <xs:selector xpath="//VotingSession" />
  <xs:field xpath="id" />
</xs:unique>
<xs:keyref name="VotingResultToDelegate" refer="Delegate_Constraint1">
  <xs:selector xpath="//VotingResult" />
  <xs:field xpath="Delegate_id" />
</xs:keyref>
<xs:keyref name="VotingResultToVotingSession" refer="VotingSession_Constraint1">
  <xs:selector xpath="//VotingResult" />
  <xs:field xpath="VotingSession_id" />
</xs:keyref>
<xs:keyref name="VotingSessionToAgenda" refer="Constraint1">
  <xs:selector xpath="//VotingSession" />
  <xs:field xpath="Agenda_id" />
</xs:keyref>
<xs:keyref name="DelegateToGroup" refer="Group_Constraint1">
  <xs:selector xpath="//Delegate" />
  <xs:field xpath="Group_id" />
</xs:keyref>
<xs:keyref name="AgendaToDelegate" refer="Delegate_Constraint1">
  <xs:selector xpath="//Agenda" />
  <xs:field xpath="SpeakerDelegate_id" />
</xs:keyref>
</xs:element>
</xs:schema>
```


4 Example XML file

```
<?xml version="1.0" standalone="yes"?>
<ExportConferenceDataDataSet>
  <Conference>
    <StartDate>2011-04-29T00:00:00+02:00</StartDate>
    <StartTime />
    <name>Conference 07 (No login)</name>
    <conferenceLabel>7000</conferenceLabel>
    <CustomerField1 />
    <CustomerField2 />
    <CustomerField3 />
    <CustomerField4 />
  </Conference>
  <Agenda>
    <id>120</id>
    <SortOrder>1</SortOrder>
    <Level>1</Level>
    <Name>1. Agenda</Name>
    <Description>Text description 1</Description>
    <shortDescription>Short text description 1</shortDescription>
  </Agenda>
  <Agenda>
    <id>121</id>
    <SortOrder>2</SortOrder>
    <Level>2</Level>
    <Name>1.1. Agenda</Name>
    <Description />
    <shortDescription />
  </Agenda>
  <Group>
    <id>44</id>
    <SortOrder>1</SortOrder>
    <MemberCount>4</MemberCount>
    <Text>Denmark</Text>
    <ShortName>DK</ShortName>
  </Group>
  <Delegate>
    <id>43</id>
    <Group_id>44</Group_id>
```

```
<firstname>Bent</firstname>
<lastname>Nielsen</lastname>
<title>Software Tester</title>
</Delegate>
<Delegate>
  <id>48</id>
  <firstname>Benny</firstname>
  <lastname>Pedersen</lastname>
  <title>Software Programmer</title>
</Delegate>
</ExportConferenceDataDataSet>
```

5 Web Service Integration

It is possible to have the SW6000 system call a web service to facilitate import and export of meetings. The xml format for the data being passed to and from the web service is exactly the same as described above. The following section describes the Web Service calls the SW6000 will make.

5.1 Web Service Functions

The following are the web service functions that SW6000 will try to call. There are two functions relating to import into SW6000 and one relating to export from SW6000. The function names are case sensitive.

5.1.1 Import related

Name: GetMeetingList

Parameters:

Parameter Name	Data Type & Format	Description
strDate	String, (dd-mm-yyyy)	This field specifies that all meetings in the customers system, that were created prior to the value of strDate should be omitted from the list.
strSearchCondition1	String	This field's value will be taken from a textbox in which the user is free to input anything. We recommend using this field to filter the list on MeetingType.
strSearchCondition2	String	This field's value will be taken from a textbox in which the user is free to input anything. We recommend using this field to filter the list on Room location.

Returns: strMeetingListXML

Description: Gets the list of meetings available for import into SW6000. The format of strMeetingListXML is described below in ***strMeetingListXML Data Format***

Name: GetMeetingDataXML

Parameters: ID

Returns: strMeetingDataXML

Description: Gets the actual data for the meeting, it is the same format as described in first chapter.

If there are no meetings available to be imported into SW6000 the tag <ExportConferenceDataDataSet>

Should be empty like in the example below:

```
<?xml version="1.0" standalone="yes"?>
<ExportConferenceDataDataSet/>
```

Or

```
<?xml version="1.0" standalone="yes"?>
<ExportConferenceDataDataSet>
</ExportConferenceDataDataSet>
```

5.1.2 Export Related

Name: ExportMeetingData

Parameters: strMeetingDataXML

Returns: <none>

Description: This method receives meeting in XML in the format described in the first chapter.

5.2 strMeetingListXML Data Format

The data format for MeetingListXML has not been described previously in the document but is a rather simple list in XML as given in the table below.

Field name	Data type	Description
Title	String	The title of the meeting. This will be used when a list of available meeting is shown to the user.
ID	Integer	ID of the meeting.

Example of typical strMeetingListXML

```
<?xml version="1.0" standalone="yes"?>
<MeetingList>
  <Meeting>
    <ID>334234</ID>
    <Title>TestMeeting1</Title>
  </Meeting>
  <Meeting>
    <ID>223121</ID>
    <Title>TestMeeting2</Title>
  </Meeting>
</MeetingList>
```

Example of empty strMeetingListXML

```
<?xml version="1.0" standalone="yes"?>
<MeetingList/>
```

or

```
<?xml version="1.0" standalone="yes"?>
<MeetingList>
</MeetingList>
```



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