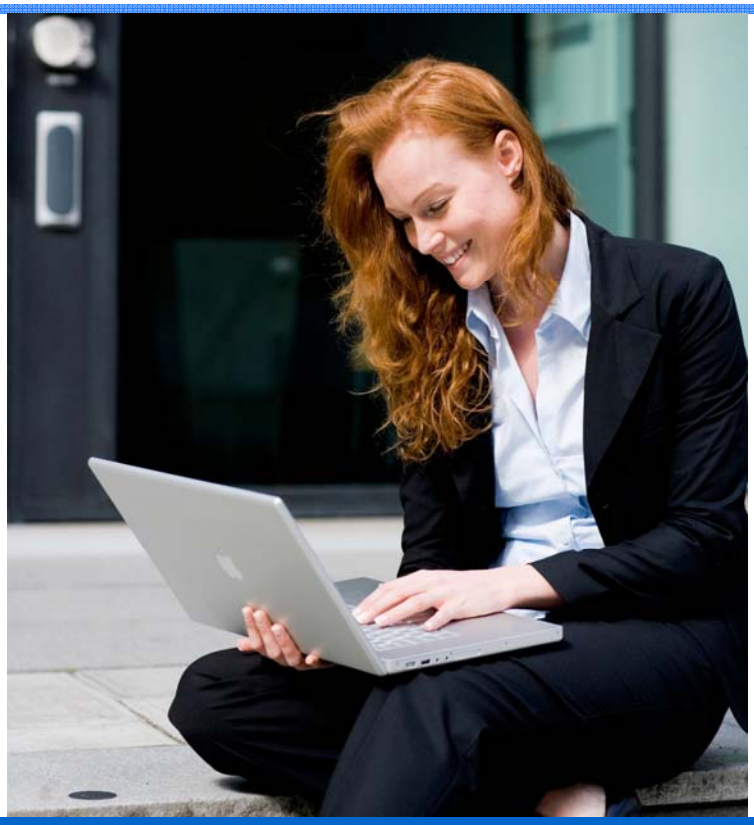

Aastra Calendar Connection 2007

Data sheet

Aastra Calendar Connection 2007 enables automatic call routing through your e-calendar.

With Calendar Connection 2007, calendar information is automatically transferred from the Exchange, Lotus Notes and GroupWise server to the CMG system. This means that updated presence and availability information for every employee is available instantly for attendants, office users and IVR system, which in turn makes for good telephony service.

Functions

Transfer

- Transfer of new, changed or removed activities/recurring activities from the calendar to the CMG system.
- Automatic setting of activity code. The system tries to match the appointment label to an activity code. Additionally, it tries to match keywords in the category, subject/body and location text fields with an activity code and sets this activity code for the CMG activity. If no match is found, the (user defined) default activity code will be used.
- The user's extension will by default be forwarded according to the contact profile during the activity. This can be overridden by user setting in Aastra Office Web.
- If the user has a shared extension, it will by default not be forwarded (user setting)

Appointments

- Appointments marked as Private are by default not transferred (user setting). Private appointments will never get any text information transferred, only the activity code
- Appointments marked according to the examples below will always be transferred except if marked as Private. Examples: Busy or Out of Office (Exchange), Meeting / Appointment (Lotus Notes) and Public Appointments / Appointments (GroupWise).
- Appointments marked as Free or Tentative are by default not transferred (user setting)

Settings

- Individual user settings (requires Aastra Office Web):
  - Default activity code
  - Language
  - Automatic transfer (on/off)
  - Forwarding of the extension according to contact profile (on/off)
  - Fields to be transferred to the CMG database (subject, location, text)
  - Transfer of appointments marked as Free (on/off)
  - Transfer of appointments marked as Tentative (on/off)
  - Transfer of appointments marked as Private (on/off)

General

The product has two user interfaces:

- Personal settings in Aastra Office Web
- Configuration tool (system level)

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System Requirements

Different servers are required for the CMG and the Calendar Connection. This means that dedicated servers is required for performance fulfillments.

Important information:

- **See section Scaling in this document.**
- **For the latest up to date software compatibility and hardware requirements, please refer to the latest Customer Product Information available via your applicable sales representative and the product release notes.**

Synchronization Requirements

The three Synchronizations have some common requirements in terms of software and scaling.

Operating System:

The product can be installed as a service on the following operating systems provided by the Microsoft Corporation:

- Windows XP SP2
- Windows Server 2003

Microsoft Exchange Servers

Calendar Connection 2007 – Exchange:

- MS SQL Server 2000 and 2005

The MS SQL Server must be configured for mixed mode authentication.

The host server must be a member of the same Active directory as the exchange servers.

The synchronization server supports the following versions of Microsoft Exchange:

- Exchange 2003 or 2007

CMG/Exchange Integration Service:

- Aastra CMG Server 2007
- Aastra Office Web 2007 (required only to enable individual user settings)
- The MAPI versions supplied with Outlook 2003 and 2007 are recommended. (Please note that Outlook 2003 does not support opening of users on multiple Exchange servers from a single service).
- Sync user with special permissions on the mailboxes to synchronize (depending on configuration)

Domino (Lotus Notes)

The Synchronization must be hosted on a domino mail or application server which is part of the domino domain.

The synchronization server supports the following versions of Domino servers:

- Domino Server R6.5.x, R7.x, R8.x
- Aastra CMG 2007 Server

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GroupWise

Calendar Connection 2007 – GroupWise:

- Aastra CMG 2007 Server
- MS SQL 2000 or MS SQL 2005 supported

The MS SQL Server must be configured for mixed mode authentication.

Novell and GroupWise API:

The API's required by the synchronization service are distributed with the Novell and GroupWise Clients. To install the correct API's on the server(s) hosting the GroupWise synchronization, an installation of the following clients is required:

- GroupWise Server 6.5 SP2 and higher
- GroupWise server 7.0 SP1 or higher
- Novell client 4.91 SP1 and higher
- LDAP 3.0

Supported Languages

Aastra Calendar Connection 2007 is only language dependant when using the function "automatic setting of activity code". The dictionaries can be edited by the customer. The configuration tool is available in English only.

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Scaling

The Synchronization solutions hardware requirements scale with the number of users synchronized, as the actual performance of the installation is also dependent on other factors such as NetWork Load, Server load and other factors the following user limits are given for an ideal network load (low) with dedicated hardware using CPU's with a clock speed of 2.6 GHz or more.

Scaling for Exchange and GroupWise+

Dual Core based servers			
Max Users	**Servers**	**CPU's per server**	**Memory per server**
1500	1	1	2 GB
3000	1	1	2 GB
6000	1	1	2 GB
12000	2	2	2 GB
18000	2	2	2 GB
24000	2	2	2 GB
30000	3	2	2 GB

As can be seen for small installations (up to 6000) a simple dual core based system can be used, depending on the current prices using a quad core CPU can be cheaper especially for large installations.

Quad Core based servers			
Max Users	**Servers**	**CPU's per server**	**Memory per server**
1500	1	1	2GB
3000	1	1	2GB
6000	1	1	2GB
12000	1	1	4GB
18000	1	2	6GB
24000	1	2	8GB
30000	2	2	8GB

These numbers are based on a mathematical extrapolation of the program performance base on a test in an ideal environment; this means that the following factors have not been taken into account: NetWork Latency.

Alternately running the services on dedicated parallel networks is also possible this can however complicate the configuration of the systems and the deployment of the different products.

- Server load

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Domino Scaling

The domino task is not parallelized and will as such not be able to take advantage of multiple CPU cores and there for the scaling is simply dependent on the CPU speed of the host server a single server will typically be able to handle in the range 5000 users with a 2.6 GHz CPU.

Any Core type.			
Max Users	**Servers**	**CPU's per server**	**Memory per server**
1000	1	Not Parralelized, Single, Dual or Quad core cpus are supported.	1 GB
2500	1	Not Parralelized, Single, Dual or Quad core cpus are supported.	1 GB
5000	1	Not Parralelized, Single, Dual or Quad core cpus are supported.	1 GB
10000	2	Not Parralelized, Single, Dual or Quad core cpus are supported.	1 GB
15000	3	Not Parralelized, Single, Dual or Quad core cpus are supported.	1 GB
25000	5	Not Parralelized, Single, Dual or Quad core cpus are supported.	1 GB
50000	10	Not Parralelized, Single, Dual or Quad core cpus are supported.	1 GB

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NOTICE

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