

Exchange Connector

The vtenext Exchange connector, allows you to synchronize bi-directionally with Calendar, Tasks and Contacts.

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Installation requirements

Technology used:

- PHP
- Mysql
- Javascript

HW/SW requirements

- vtenext v18.05 or higher
- The connector does not require particular hardware specifications , you must take into account 4Mb of additional RAM to the vtenext server for each user
- Installed in the same machine where the vte resides
- The machine must be able to communicate with the Exchange server
- For the Exchange on premise server, the server certificate must be valid
- Request php soap library

Request for its installation

- Access via SSH to the vtenext server
- Access with web admin account to the vtenext application
- Temporary test mailbox on the Exchange server

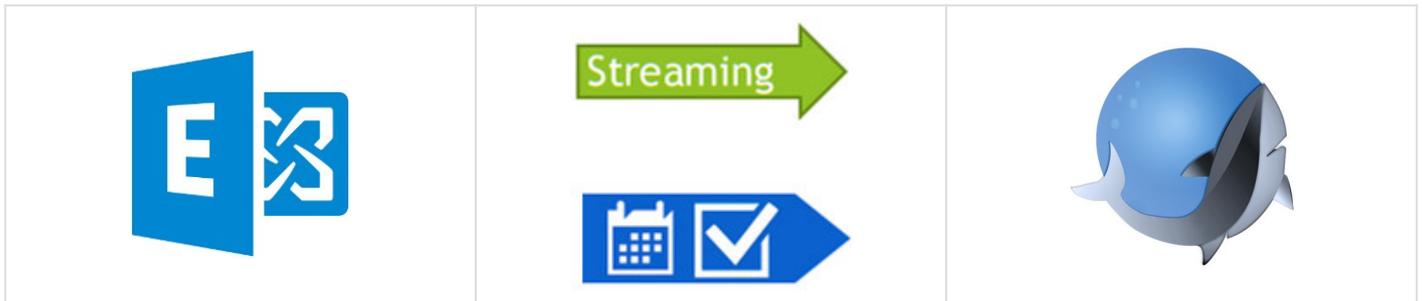
Functionality

Calendar appointments sync			
To do sync tasks			
Contacts sync: Contact synchronization is implemented unidirectionally from vtenext to Exchange. Considering that in CRM the deletion of a contact leads to the loss of links to entities related to it (e.g.: tickets, quotes, report visits, newsletter campaigns ...), it was decided to allow contact synchronization only from vtenext to Exchange and not the opposite. Furthermore, this avoids possible problems due to massive import of contacts from your address book, creating incomplete data problems (for example: not connected to any company registry) and potential duplicates.			

Synchronization flow

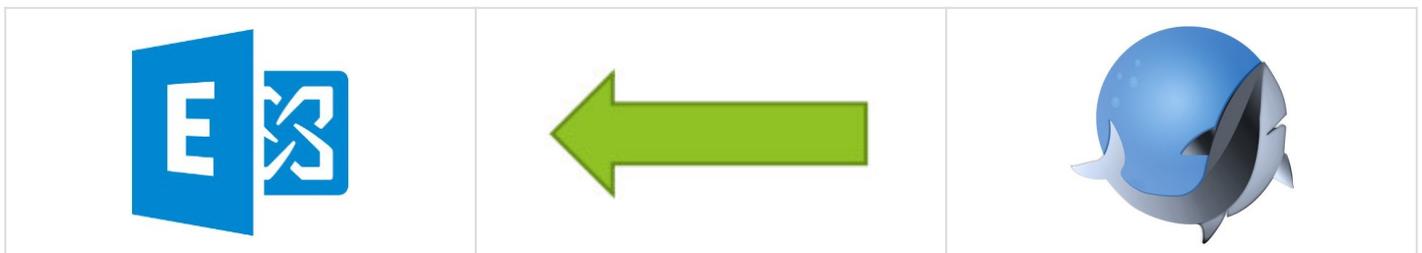
Synchronization flow from Exchange to vtenext

PHASE 1



Streaming channel always active between vtenext and Exchange.

PHASE 2



Arrival of an item from Exchange.

PHASE 3



Complete data reception and writing or editing of the element on vtenext.

Synchronitazion flow from vtenext to Exchange

PHASE 1



Sending of an item to Exchange in create / edit / delete.

PHASE 2



Receiving Exchange ID and writing in vtenext to have a reference.

Assignee management

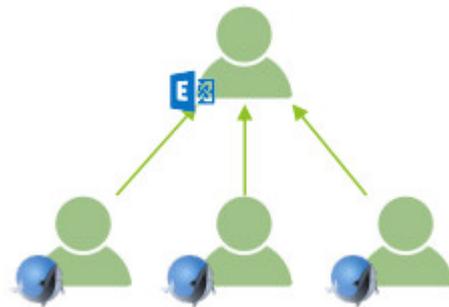
Group tasks management:
Distribution of group tasks to their members on individual Exchange accounts.



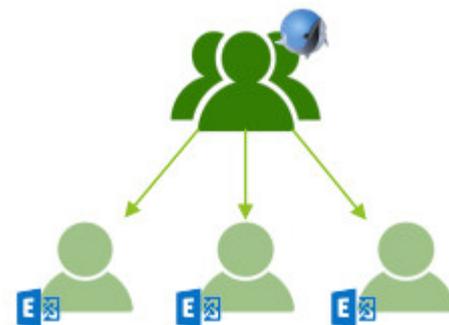
Group tasks management:
Management of modifications by the single user and status update to all members of the group.



Possibility of assigning contacts to a specific user by default.



Assigning contacts to a group of users.



Control Panel

- Control and setup of the error check and user initialization cron
- Server setup and authentication oAuth2 for 0365
- Selector of functionalities to activate and of the sync mode of the contacts

 Settings > Plugin Exchange
Plugin Exchange Settings

Mail Server Settings (SMTP)

EDIT

Cron Jobs

Active	Name	Status	Last Run	Run
<input checked="" type="checkbox"/>	ExchangeControlCron		2019-11-15 18:01:01	300 s

SAVE

Verbose Log (Debug) No
Server Name outlook.office365.com
Versione Office365
Client ID baabe26c-ba1b-48da-ba5a-5198d3c
Client Secret eyNNB@-/d|Z5PwIR9xsN94T/uQ3

Synchronization

Contacts Synchronization VTE -> Office 365 Yes
Events Synchronization VTE -> Office 365 Yes
Events Synchronization Office 365 -> VTE Yes
Tasks Synchronization Office 365 -> VTE Yes
Tasks Synchronization VTE -> Office 365 Yes
User on which to synchronize Utente Assegnato al Contatto

User preferences

User preferences with Office 365 authentication

Utente Admin Tesyr MODIFICA

Fotografia Fotografia



5. Configurazione Calendario

Vista Calendario di Default Questa settimana	Formato Data dd-mm-yyyy
Intervallo Promemoria 1 Minuto	Inizio giornata alle (hh:mm) 08:00
Disabilita domenica nel calendario settimanale Sì	Primo giorno della settimana Lunedì
Condividi Calendario con	Mostra Calendario utenti

6. Configurazione Asterisk

Estensione Asterisk	Receive Incoming Calls NO
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7. Opzioni Avanzate Utente

Webservice Access Key
GH00D7qvgXpGaglo

8. Exchange Connector

CONNECT TO EXCHANGE

User preferences with Office 365 authentication PopUp orAuth2 MS

Accesso all'account - Mozilla Firefox

https://login.microsoftonline.com/common/oauth2/v2.0/authorize?r...

Microsoft

m.martini@tesyr.ch

Immettere la password

Password

[Ho dimenticato la password](#)

[Accedi con un altro account](#)

Accedi

Accesso all'account - Mozilla Firefox

https://login.microsoftonline.com/common/login

Microsoft

m.martini@tesyr.ch

Autorizzazioni richieste

 vtenext
vtenext.ch

Autorizzazioni richieste dall'app:

- View your basic profile
- Maintain access to data you have given it access to
- Access your mailboxes
- Acconsenti per conto dell'organizzazione

Se si accettano queste autorizzazioni, si consente all'app di usare i dati in base a quanto specificato nelle rispettive condizioni per l'utilizzo del servizio e nell'informativa sulla privacy. **L'autore non ha fornito collegamenti per la verifica delle condizioni.** È possibile modificare le autorizzazioni in <https://myapps.microsoft.com>. [Mostra dettagli](#)

Annulla Accetto

User preferences with authentication via ntlm or basic protocol for Exchange on premise



Fotografia

Fotografia



5. Configurazione Calendario

Vista Calendario di Default

Questa settimana

Formato Data

dd-mm-yyyy

Intervallo Promemoria

1 Minuto

Inizio giornata alle (hh:mm)

08:00

Disabilita domenica nel calendario settimanale

SI

Primo giorno della settimana

Lunedì

Condividi Calendario con

Mostra Calendario utenti

6. Configurazione Asterisk

Estensione Asterisk

Receive Incoming Calls

NO

7. Opzioni Avanzate Utente

WebService Access Key

GHD07qvgXpGaglo

8. Exchange Connector

Username

m.martini@tesyr.ch

Password

Availability sharing

This feature is available from vtenext version 19.10

Possibility of calendar sharing only available:

Condividi calendario con (solo occupazione)

Utenti Disponibili		Utenti Selezionati
aldo carlo paolo subaldo	AGGIUNGI >> << RIMUOVI	aldo (Aldo Sbaraglio) carlo (Carlo Spavaldo)

Organizer management in an event on invitation:

Priorita`	Orario creazione
Alta	15-10-2019 15:22:32
Orario modifica	Organizzatore
15-10-2019 15:22:32	subaldo (Subaldo Araldo)

Introduction of logics to avoid the modification or cancellation of events on invitation.

N.B.: Endless recurring event management (infinite).