



for Microsoft

Quick Install Guide OnTime® for Microsoft version 3.6.x

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OnTime is a registered Japanese trademark (#5569584). The trademark is registered with the Japan Patent Office

OnTime® for Microsoft

This Quick Install guide is the fast track to install OnTime for Microsoft.

For more details, please obtain the 'OnTime for MS - Installation & Configuration guide'.

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About OnTime[®] for Microsoft

This 'quick install guide' describes the fewest possible steps to make the OnTime Group Calendar available for web and mobile users.

Preparing the new OnTime installation

Server requirements

The OnTime installation is supported on

- Windows 2012 R2 and newer with Microsoft SQL Server® 2016 Express
- or Windows Server 2008 R2 with Microsoft SQL Server® 2014 Express
- we do not support Windows 2008 R2 based on Itanium CPUs

OnTime must be installed running as Windows administrator.

For small and middle-size installations of OnTime, you can use Microsoft SQL Server® 2014 or 2016 Express which are free. By default, 2016 is installed. We recommend using the full Microsoft SQL Server if your OnTime installation has more than 2.000 users. You can read about the full limitations and requirements here <https://www.microsoft.com/en-us/download/details.aspx?id=42299>

Processor

- Intel-compatible processor with a minimum speed of 2 GHz or a faster processor

RAM

- Minimum of 4 GB Ram dedicated for the OnTime solution
- If you are running OnTime on a Hyper V configuration, then you need to configure it to use static memory for the SQL Server to perform properly.

Hard Disk Space

- Minimum of 20 GB hard drive dedicated to the OnTime solution

Typical 500 users install

- Intel-compatible processor with a minimum speed of 2 GHz or a faster processor
- Minimum of 4 GB Ram dedicated for the OnTime solution
- Minimum of 20 GB hard drive dedicated for the OnTime solution

Prerequisites

AD domain

The OnTime server must part of your user AD domain to ensure your OnTime users web authentication (SSO) without providing their AD password.

SQL Server 2014, 2016 Express or an existing MS SQL Server must be available.

The SQL Server Express may be downloaded from Microsoft. It is free.

Limitations: Microsoft SQL Server Express supports 1 physical processor, 1 GB memory, and 10 GB storage

Create an Impersonation User in MS Exchange/Office 365

- a. Mail box user (minimum type 1 if in Office 365).
- b. Assign the user to the “ApplicationImpersonation Role”.

License key

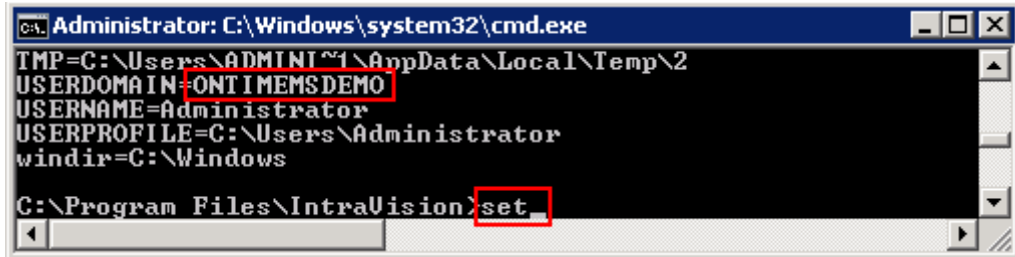
- OnTime requires a license key with the required number of users enabled to run.
- These keys are delivered directly by IntraVision or an OnTime Partner.
- A list of OnTime Partners is available at www.ontimesuite.com.

For obtaining a license key, please provide the following info:

- your Company name
- total number of users, including rooms and equipment
- the name of your AD domain

Check your OnTime server’s environment by logging in as a domain user.

In a Command prompt > set (Enter) – to see your “USERDOMAIN”



```
Administrator: C:\Windows\system32\cmd.exe
TMP=C:\Users\ADMINI~1\AppData\Local\Temp\2
USERDOMAIN=ONTIMEMSDMO
USERNAME=Administrator
USERPROFILE=C:\Users\Administrator
windir=C:\Windows

C:\Program Files\IntraVision>set
```

- If you are running a trial installation, a time-limited, fully functional key should have been provided for you when you downloaded the OnTime software from www.ontimesuite.com.

OnTime Installation

Quick installation

It is the easy way of installing OnTime with a local, silent installation of the MS SQL Server 2016 at 'C:\Program Files' - then run one command that in turn creates a database for OnTime, installs a Windows service 'OnTimeMSAuth' that offers Windows domain logon authentication for web users (SSO) - and at last installs the Tomcat server used for OnTime web access.

An MS SQL Server 2016 with scripts for a silent install may be downloaded from the OnTime web site:

<http://file.ontimesuite.com/SQLExpress>

The tool to inspect the databases in the Microsoft 'SQL Server Management Studio' (SSMS). Currently, a link to download the tool from Microsoft:

<https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms>

It is the default installation with a local SQL Server, installed at C:\Program Files\Microsoft SQL Server

Installing the SQL Server Express

To install the SQL server, start a Command Prompt in administrator mode.

Run the command:

```
sql_express_full_setup.cmd
```

This command will silently install the SQL server.

```
C:\Install\OnTime (silent)-MS SQL Server10.1> sql_express_full_setup.cmd
Installing SQL Express Server
C:\Install\MSSQL\SQL Server Install package\scripts>
```

If you see other messages than "Installing SQL Express Server" your Windows server probably needs some updates from Microsoft. Please resolve these prerequisites and rerun the command.

It may take 5-10 minutes to execute the installation of SQL Server Express.

Result:

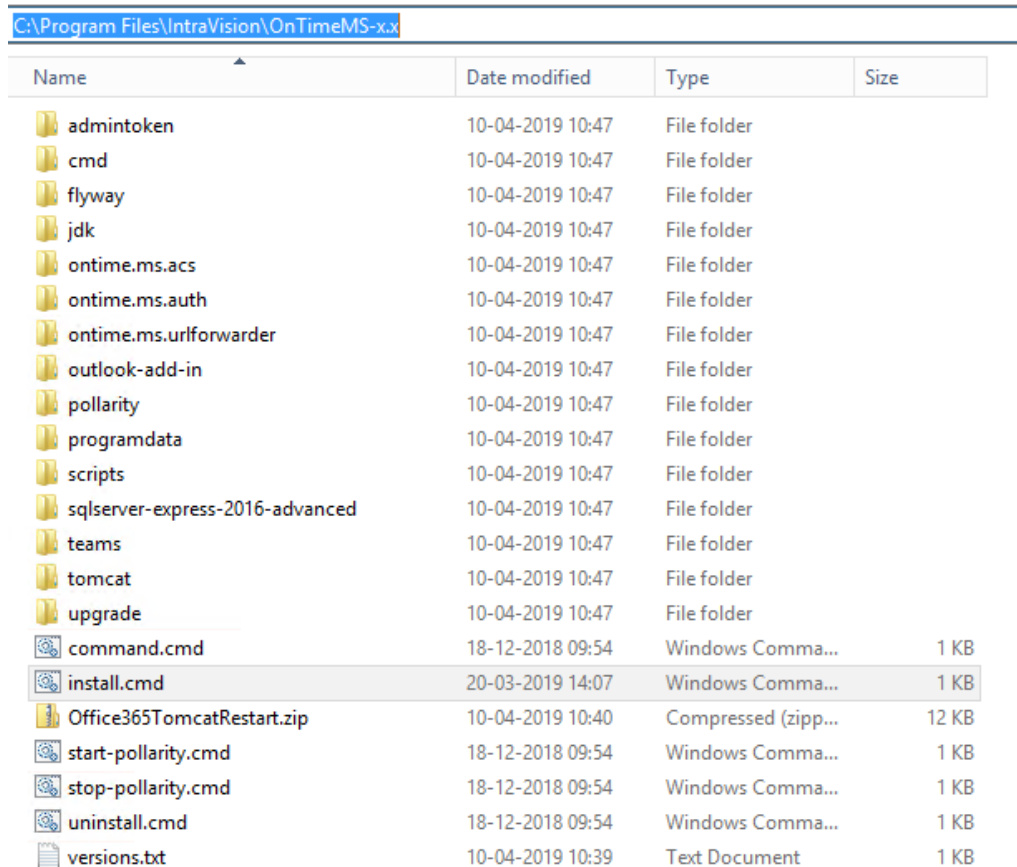
The SQL Server is installed in the path:

C:\Program Files\Microsoft SQL Server

Install OnTime

Unzip the downloaded OnTime package at a temporary location, move the directory OnTime-x.x to the recommended path:

C:\Program Files\IntraVision\



| Name | Date modified | Type | Size |
|---------------------------------|------------------|---------------------|-------|
| admintoken | 10-04-2019 10:47 | File folder | |
| cmd | 10-04-2019 10:47 | File folder | |
| flyway | 10-04-2019 10:47 | File folder | |
| jdk | 10-04-2019 10:47 | File folder | |
| ontime.ms.acs | 10-04-2019 10:47 | File folder | |
| ontime.ms.auth | 10-04-2019 10:47 | File folder | |
| ontime.ms.urlforwarder | 10-04-2019 10:47 | File folder | |
| outlook-add-in | 10-04-2019 10:47 | File folder | |
| pollarity | 10-04-2019 10:47 | File folder | |
| programdata | 10-04-2019 10:47 | File folder | |
| scripts | 10-04-2019 10:47 | File folder | |
| sqlserver-express-2016-advanced | 10-04-2019 10:47 | File folder | |
| teams | 10-04-2019 10:47 | File folder | |
| tomcat | 10-04-2019 10:47 | File folder | |
| upgrade | 10-04-2019 10:47 | File folder | |
| command.cmd | 18-12-2018 09:54 | Windows Comma... | 1 KB |
| install.cmd | 20-03-2019 14:07 | Windows Comma... | 1 KB |
| Office365TomcatRestart.zip | 10-04-2019 10:40 | Compressed (zipp... | 12 KB |
| start-pollarity.cmd | 18-12-2018 09:54 | Windows Comma... | 1 KB |
| stop-pollarity.cmd | 18-12-2018 09:54 | Windows Comma... | 1 KB |
| uninstall.cmd | 18-12-2018 09:54 | Windows Comma... | 1 KB |
| versions.txt | 10-04-2019 10:39 | Text Document | 1 KB |

Right-click 'install.cmd' and choose 'Run as Administrator'

This command will do the following things:

1. It will create a database for OnTime use in the local SQL Server
2. It will install a Windows service 'OnTimeMSAuth' that offers Windows domain logon authentication for web users (SSO)
3. It will install an URL forwarder
4. It will install the Tomcat web server used for OnTime
5. Create a database for Pollarity
6. Ask the question "Do you want to enable Pollarity? y/n".
7. If you choose 'y' the Tomcat service will include pollarity.

Note: Pollarity is an especially licenced feature.

OnTime Configuration

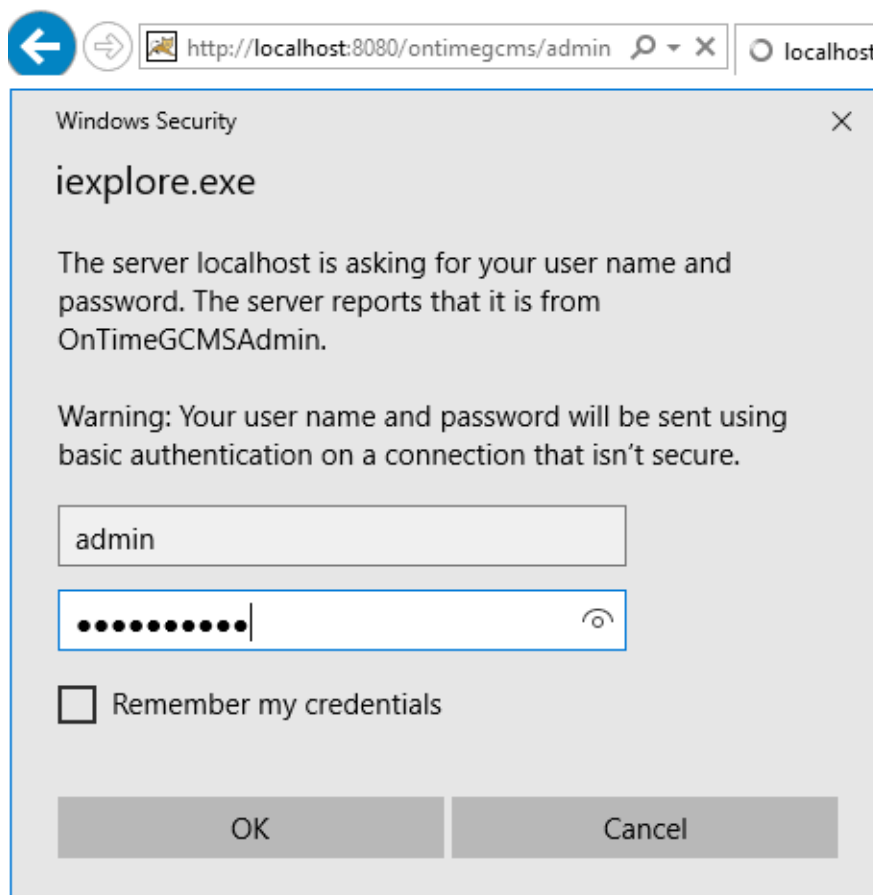
From a browser - Open the administration URL –
<http://ontime.example.com:8080/ontimegcms/admin>

Note: Please insert your relevant URL instead of 'ontime.example.com'.

Remember TCP/IP port 8080 for administrating the Apache Tomcat webserver.

Administrator: admin (beware of casing, no capitals)

Password: Innovation (capital 'i')



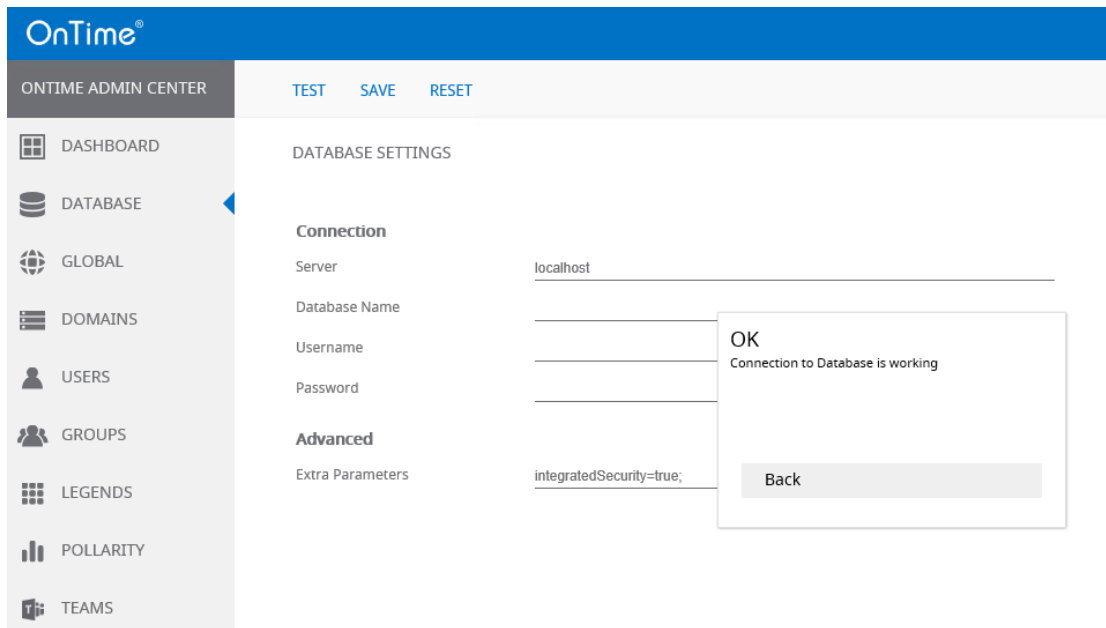
Database

In the web admin interface, “OnTime Admin Center”, click “Database”.

Click “Test” in the upper menu line to test the database connection.

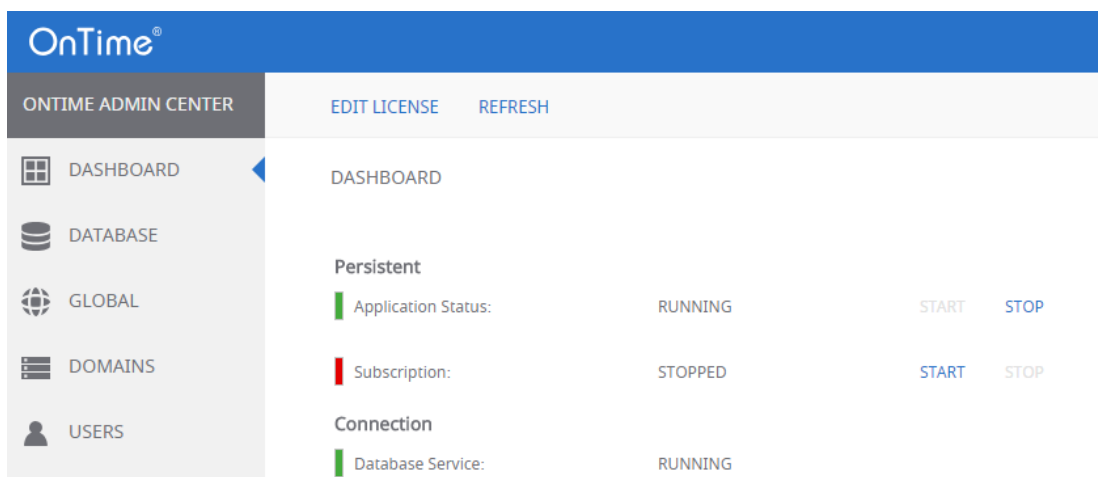
Upon the response “OK Connection to Database is working” click “Back”.

Click Save.



The screenshot shows the OnTime Admin Center interface. The left sidebar contains navigation options: DASHBOARD, DATABASE (selected), GLOBAL, DOMAINS, USERS, GROUPS, LEGENDS, POLLARITY, and TEAMS. The main content area is titled 'DATABASE SETTINGS' and includes a top menu with 'TEST', 'SAVE', and 'RESET'. Under the 'Connection' section, there are input fields for 'Server' (localhost), 'Database Name', 'Username', and 'Password'. Under the 'Advanced' section, there is an 'Extra Parameters' field containing 'integratedSecurity=true;'. A modal dialog box is overlaid on the form, displaying 'OK' and 'Connection to Database is working', with a 'Back' button.

Click ‘Dashboard’



The screenshot shows the OnTime Admin Center Dashboard. The left sidebar is the same as in the previous screenshot. The main content area is titled 'DASHBOARD' and has a top menu with 'EDIT LICENSE' and 'REFRESH'. It displays service status information:

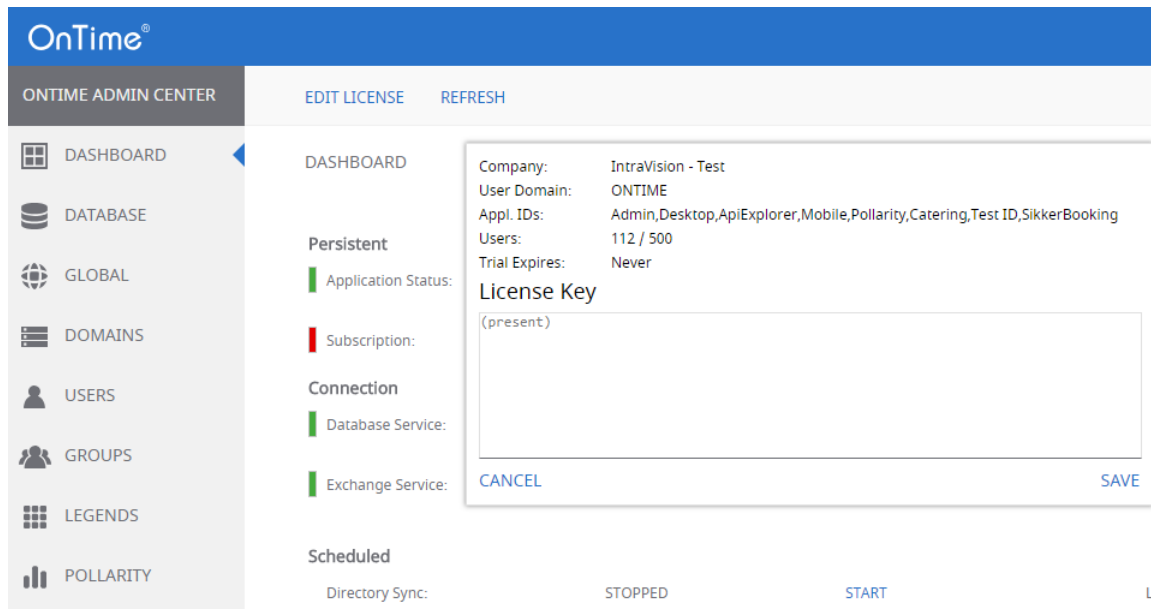
| Category | Service Name | Status | Start | Stop |
|------------|---------------------|---------|-------|------|
| Persistent | Application Status: | RUNNING | START | STOP |
| | Subscription: | STOPPED | START | STOP |
| Connection | Database Service: | RUNNING | | |

Note: When you see the Connection/Database Service “Running” (green), press ‘F5’ to refresh the whole web page from the new database.

License key

Click 'Dashboard'

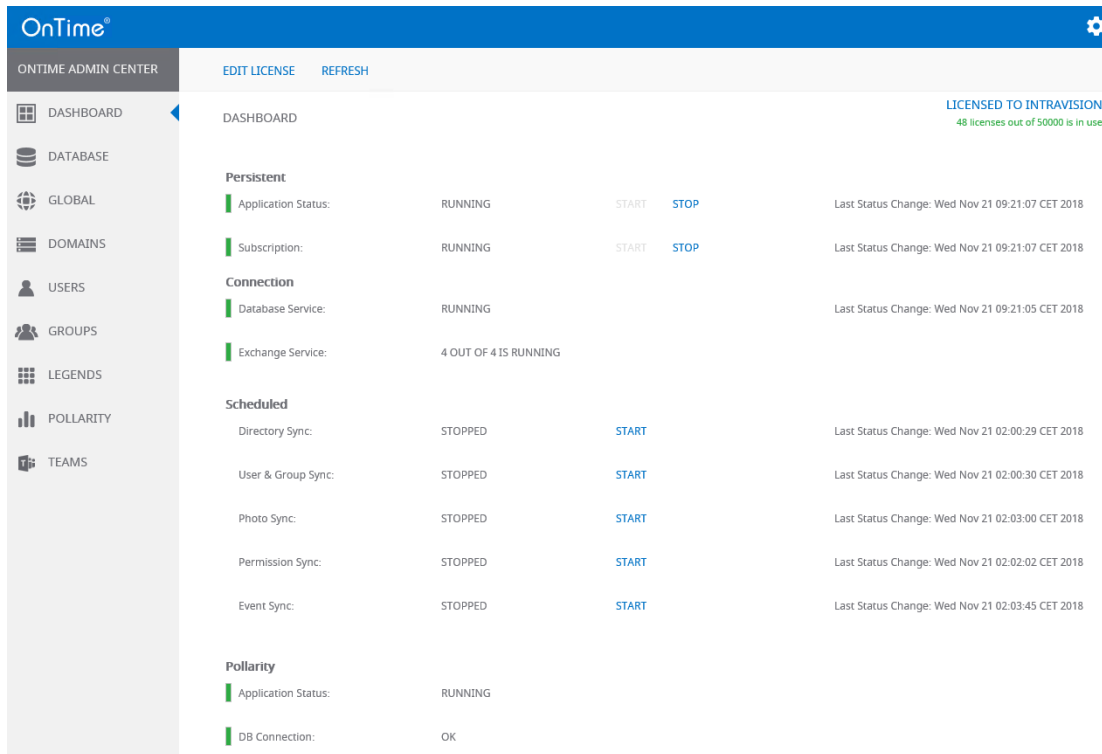
– Enter your license key by clicking 'Edit License'. Click 'Save'



In the 'Dashboard' click 'Start' at 'Subscription' – the state colour should change into green.

Dashboard

The main page of the OnTime Admin Center is the Dashboard. This page presents an overview of the processes in OnTime. When you change the values in the other pages, you must restart the OnTime application by clicking “Stop/Start” in the according section.



The screenshot shows the OnTime Admin Center interface. The top navigation bar includes 'ONTIME ADMIN CENTER', 'EDIT LICENSE', and 'REFRESH'. A sidebar on the left lists menu items: DASHBOARD, DATABASE, GLOBAL, DOMAINS, USERS, GROUPS, LEGENDS, POLLARITY, and TEAMS. The main content area displays the following information:

- LICENSED TO INTRAVISION**: 48 licenses out of 50000 is in use
- Persistent**
 - Application Status: RUNNING (START, STOP buttons) | Last Status Change: Wed Nov 21 09:21:07 CET 2018
 - Subscription: RUNNING (START, STOP buttons) | Last Status Change: Wed Nov 21 09:21:07 CET 2018
- Connection**
 - Database Service: RUNNING | Last Status Change: Wed Nov 21 09:21:05 CET 2018
 - Exchange Service: 4 OUT OF 4 IS RUNNING
- Scheduled**
 - Directory Sync: STOPPED (START button) | Last Status Change: Wed Nov 21 02:00:29 CET 2018
 - User & Group Sync: STOPPED (START button) | Last Status Change: Wed Nov 21 02:00:30 CET 2018
 - Photo Sync: STOPPED (START button) | Last Status Change: Wed Nov 21 02:03:00 CET 2018
 - Permission Sync: STOPPED (START button) | Last Status Change: Wed Nov 21 02:02:02 CET 2018
 - Event Sync: STOPPED (START button) | Last Status Change: Wed Nov 21 02:03:45 CET 2018
- Pollarity**
 - Application Status: RUNNING
 - DB Connection: OK

The section **Persistent** shows the status of the OnTime Application and the automatic subscription of calendar changes. Both should be running within normal production.

The section **Connection** shows the status of the connections to the OnTime SQL database and the Exchange service. Both should be running within normal production.

The section **Scheduled** normally shows the status stopped because running is done automatically at midnight. But the five positions within this section can be started on-demand to reflect changes at once.

Directory Sync takes care of updating users/groups from Exchange.

User & Group Sync synchronises the Exchange users/groups onto the OnTime SQL tables.

Photo Sync imports the users’ photos/avatars from the Exchange server

Permission Sync updates the users’ permissions to update other users’ calendars

Event Sync is synchronising all users calendar entries and may take a considerable amount of time.

The section ‘**Pollarity**’ is specially licenced.

Domains settings

Click 'Domains/Create New' to configure your Exchange environment.

SAVE
CANCEL

ADD/EDIT DOMAIN

| | | | |
|---|--|--|---|
| Domain Name | <input type="text" value="Office 365 Test users"/> | Domain Disabled | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| Priority | <input type="text" value="5"/> | | |
| Impersonation User | <input type="text" value="impersonation@ontimecalendar.com"/> | | |
| Password | <input type="text" value="(present)"/> | | |
| Domain | <input type="text"/> (Not needed for office 365) | | |
| Server | | | |
| EWS URL | <input type="text" value="https://outlook.office365.com/EWS/Exchange.asmx"/> | | |
| Autodiscover URL | <input type="text" value="https://outlook.office365.com/autodiscover/autodiscover.svc"/> | | |
| Exchange Version | <input type="text" value="Exchange2013 or newer"/> | | |
| Proxy | | | |
| Hostname | <input type="text"/> | | |
| Port | <input type="text"/> | | |
| Advanced | | | |
| Trace Communication | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | (Be aware that enabling Trace will increase sync time substantially) | |
| Synchronisation Settings | | | |
| Streaming subscription start-up threads | <input type="text" value="5"/> | Threads (Number of threads used when creating subscription at start-up, minimum value is 5) | |
| Streaming synchronisation threads | <input type="text" value="5"/> | Threads (Number of threads used in subscription triggered synchronisation, minimum value is 5) | |
| Source | | | |
| Enable LDAP | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | |
| Persons | <input type="text" value="testusers@ontimecalendar.com"/> | | |
| Rooms | <input type="text" value="testrooms@ontimecalendar.com"/> | | |
| Equipment | <input type="text" value="testequipments@ontimecalendar.com"/> | | |

'Domain name' is a text field for naming your domain setup.

Multiple domains are supported; please enter a Priority – '1' is the highest priority.

The "Impersonation User" is the user in Exchange that has the role "ApplicationImpersonation". This user is used by OnTime to read and edit all users calendars. Normally this username is written as an email address then the domain name is not required.

The "Server URLs" are preconfigured for Office 365, the URLs have to be changed accordingly if the Exchange backend is "on-premises".

'Proxy' is used if your Exchange server is behind a proxy server.

'Advanced' – please leave as default ('No').

In the 'Synchronization Settings' section, you may change the default settings of the number of threads.

In the 'Source' section, you may configure users included in your OnTime setup.

For a simple configuration, click 'No' at 'Enable LDAP'.

Add distribution groups of persons, rooms and equipment you want to be included in the OnTime calendar. The email addresses of these distribution groups are written into the fields. More groups or individuals can be added, separated by commas.

Click '**Save**' to save your Domain Settings.

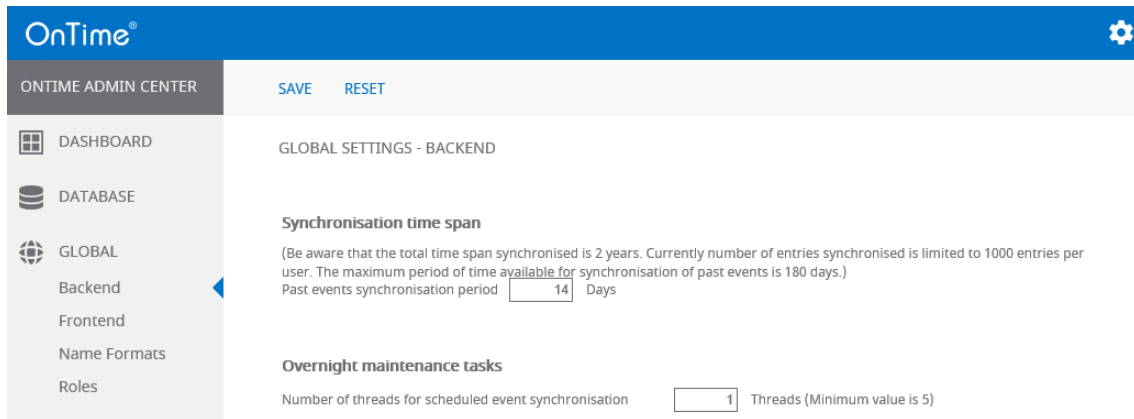
To reflect your new settings, go to the Dashboard - Stop and Start the Application. Then check that the "Database Service" and "Exchange Service" both show "Running".

Global Settings - Backend

Click Global/Backend

Click 'Enable all services at server startup – 'Yes'.

- Click 'Save' to ensure the synchronisation subscription service starts every time you click stop/start at the 'Application Status' in the Dashboard.



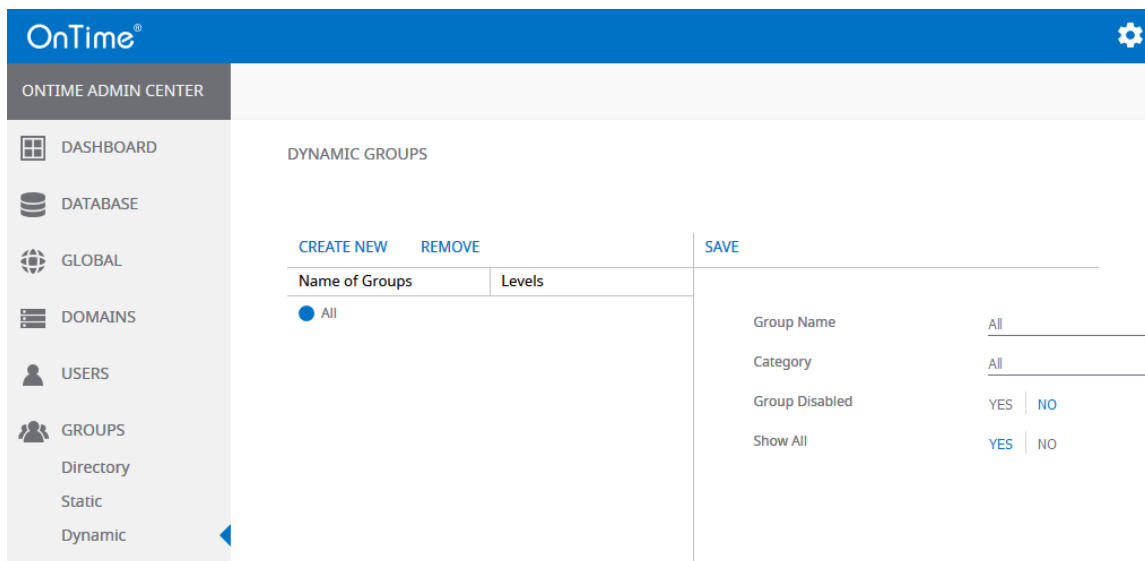
The screenshot shows the OnTime Admin Center interface. The top navigation bar is blue with the OnTime logo and a gear icon. Below it is a grey bar with 'ONTIME ADMIN CENTER' and 'SAVE' and 'RESET' buttons. The left sidebar contains a menu with 'DASHBOARD', 'DATABASE', 'GLOBAL', 'Backend', 'Frontend', 'Name Formats', and 'Roles'. The 'Backend' item is selected. The main content area is titled 'GLOBAL SETTINGS - BACKEND' and contains two sections: 'Synchronisation time span' and 'Overnight maintenance tasks'. The 'Synchronisation time span' section includes a warning note and a text input field for 'Past events synchronisation period' set to '14' Days. The 'Overnight maintenance tasks' section includes a text input field for 'Number of threads for scheduled event synchronisation' set to '1' Threads (Minimum value is 5).

Groups

Select 'Groups/Dynamic' to create a group of persons included in OnTime selected above in the 'Synchronization Source' section in your **Domains settings**.

Click 'Create New'. Creating at least one group will ensure that users will see more than one user in OnTime.

Enter a Group name, enter a Category (text) to be shown in the user interface, select 'Group Disabled – 'No' and 'Show All' – 'Yes'.



The screenshot shows the OnTime Admin Center interface. The left sidebar contains navigation options: DASHBOARD, DATABASE, GLOBAL, DOMAINS, USERS, and GROUPS (with sub-options: Directory, Static, Dynamic). The main content area is titled 'DYNAMIC GROUPS' and includes 'CREATE NEW', 'REMOVE', and 'SAVE' buttons. A table lists the 'All' group with columns for 'Name of Groups' and 'Levels'. To the right, there are input fields for 'Group Name' (set to 'All'), 'Category' (set to 'All'), 'Group Disabled' (radio buttons for YES and NO), and 'Show All' (radio buttons for YES and NO).

Click 'Save'.

Changes in the dynamic groups must be followed by clicking "Start" at "User & Group Sync" in the **Dashboard**.

OnTime User – Calendar

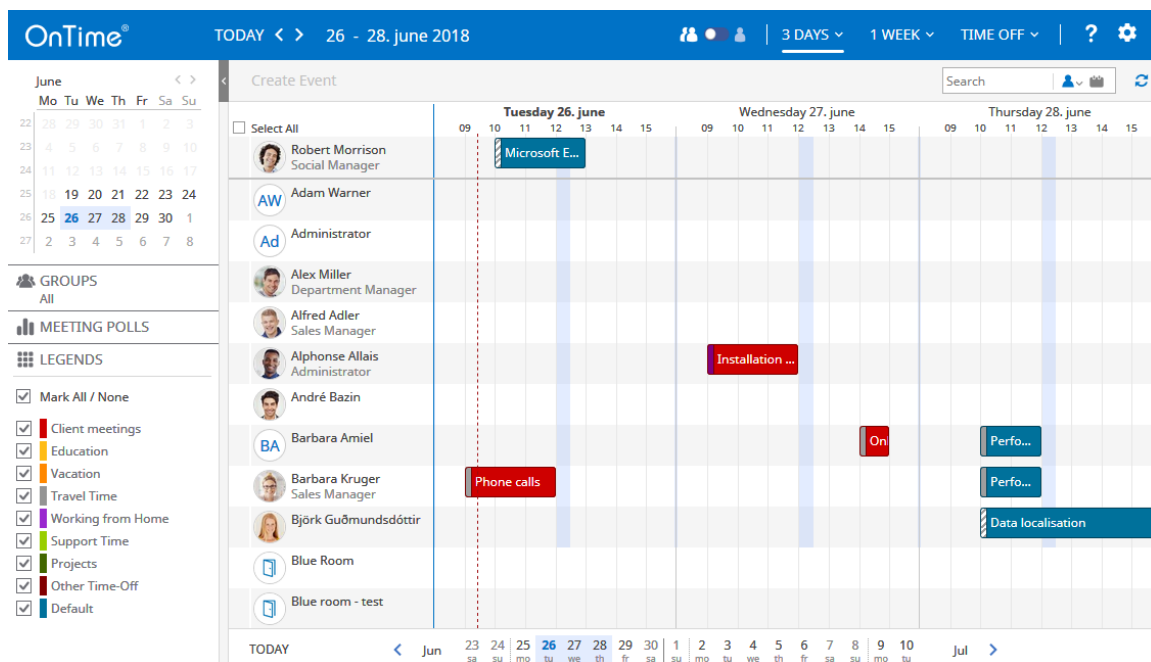
OnTime Client Web Desktop

OnTime from the user perspective:

From a browser - Open the user URL -

<http://ontime.example.com/ontimegcms/desktop>

Note: Please insert your relevant URL instead of 'ontime.example.com'.



The screenshot displays the OnTime Client Web Desktop interface. At the top, it shows the date range 'TODAY < > 26 - 28. june 2018' and navigation options for '3 DAYS', '1 WEEK', and 'TIME OFF'. A search bar and refresh icon are also present. The main calendar area shows a grid for Tuesday 26th, Wednesday 27th, and Thursday 28th. The left sidebar includes a calendar navigation for June, a 'Create Event' button, and a list of users with their roles: Robert Morrison (Social Manager), Adam Warner, Administrator, Alex Miller (Department Manager), Alfred Adler (Sales Manager), Alphonse Allais (Administrator), André Bazin, Barbara Arniel, Barbara Kruger (Sales Manager), Björk Guðmundsdóttir, Blue Room, and Blue room - test. The legend on the left lists various event types like Client meetings, Education, Vacation, Travel Time, Working from Home, Support Time, Projects, Other Time-Off, and Default. The bottom of the interface shows a navigation bar for the month of June and July.

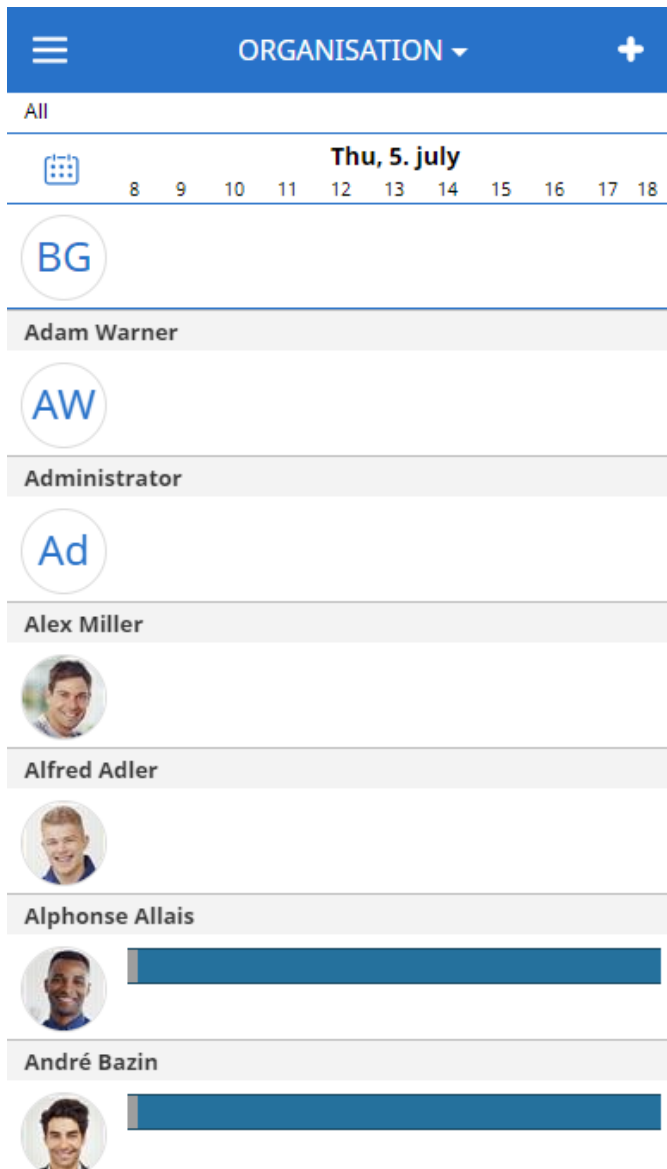
OnTime Client Web Mobile

OnTime from the user perspective:

From a mobile browser - Open the user URL -

<http://ontime.example.com/ontimegcms/mobile>

Note: Please insert your relevant URL instead of 'ontime.example.com'.



☰ ORGANISATION +

All

📅 Thu, 5. july

8 9 10 11 12 13 14 15 16 17 18

BG

Adam Warner

AW

Administrator

Ad

Alex Miller

Alfred Adler

Alphonse Allais

André Bazin