FORTUM/VTT

Apros 6 Demo download and installation

24.1.2018 Apros 6.07.34 SR1

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1. Installation and start of Apros

This download and installation consist of following tasks:

- Create Simulationstore account (SimulationStore)
- Request and Create Demo license (SimulationStore)
- Download and Install LicenseManagementSetup (Local machine)
- Add device and assign demo license to it (SimulationStore)
- Download license file and installation package (Simulationstore)
- Install license keys (License Manager)
- Install Apros (Local machine)
- Start Apros and check tutorial (Local machine)

Example figures are taken from Apros 6.06.34.10 Demo 64 bit installation using Windows 7 64 bit Operating system. They are applicable to demo version 6.07.34.08.

2. Create Simulationstore account

- 1. Follow link <u>https://www.simulationstore.com/</u>
- 2. Choose "LOG IN" from the top right corner of the page
- 3. This opens a page that has a link "CREATE NEW ACCOUNT" in the middle. Click that and fill up push "Create new account" button

sername *			
apros.support			
mail address *			
Apros.Support@vt	t.fi		
Address			
Country *			
Finland			
First name *		Last name *	
Apros		Support	
Company			
Address 1 *			
Vuorimiehentie	3		
Address 2			
Postal code *	City *		
Postal code *	City *		
02044	VIT		
	VIT		
02044 Terms and Cone I hereby accept th shall be processes marketing the pro is used can be fou	VTT ditions of Use at certain personal data d and used by VTT only ducts of VTT at the Sin and in the description of	of or the purposes of maintaining the software downl nulationStore. Additional information regarding perso	
02044 Terms and Cone I hereby accept th shall be processes marketing the pro is used can be fou	ditions of Use ditions of Use and used by VIT only ducts of VIT at the Sin	ta shall be collected, processed and stored by VTT in for the purposes of maintaining the software down indiationStore. Additional information regarding perso of the file.	
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- Inactive account is created. It has to be activated. By default new accounts are checked and accepted couple of times/week. If you want to get forward faster please send email to <u>Apros.Support@vtt.fi</u>
- 5. After the account has been activated you'll get an email and you can sign in to Simulation store. Email contains instructions and a link that you should follow to finalize your account creation e.g. it asks you to set your password.
- 6. After logging in the simulation store will look like this:

HOME PRODUCTS SERVICES ADD-	ONS MODELS FO	DRUMS LICENSES	со	NTACT US MY ACCO	
Home / Licenses					
\exists					
Licenses					
OWN LICENSES DEMOS					
Messages					
Available licenses					
Name	Group	Seats	Date	pires + A	ctions
There are no licenses yet.					/
Assigned licenses					
Device		License	Date	Actions	
There are no assigned licenses yet.					
Devices					
Name	Machine ID		Actio	ons	

3. Request and Create Demo License

- 1. Click DEMOS link in the middle.
- 2. From "Apros Demo" line Choose "Request demo license". This opens up a dialog where you can write e.g. why you want to try out Apros. Click "Request license" button.
- 3. This sends an email to Apros Support address. Wait until the request has been accepted. You'll get an email after your request has been accepted.
- 4. Log in to your account to see this:

icenses	afo			(
OWN LICENSES	DEMOS					
Available licenses						
Name	Product	Group	Seats	Date	Expires	Actions
Apros Demo Demo	Apros		0/1	Wed, 2017-	02-08 17:47 Thu, 2018-	02-08 17:47 Actions -
Assigned licenses						
Device	Product		¢ L	icense	Date	Actions
There are no assigned	l licenses yet.					
Devices						
Name	•	Machine II	D		• Actio	ons
Add Device						

4. Download and Install LicenseManagementSetup

- 1. Click "Actions->Files" and download LicenseManagementSetup.exe
- 2. Execute LicenseManagementSetup.exe
- 3. Setup creates VTT Folder under Start Programs menu where you'll find submenu License Manager and shortcut License Key Manager. Start that program
- 4. Open about box of the program and copy the machine ID visible there to clipboard e.g.

oout licenseManager	_
License key manager	ОК
Copyright (C) 2004	
Machine id is <mark>1280066884-923795522-3233175936.</mark> Internet address is 130.188.198.66. First free port number starting from 8889 is 0. UI version 1.2.2013.1114.	

5. Add device and assign demo license to it

- 1. Go back to Simulation Store and choose "Add device"
- 2. Give name to your machine and paste the copied Machine ID there Add device

Apros Support desktop	
Machine ID *	
1280066884-923795522-3233175936	\$
Save device	vice

 \times

Apros 6 Demo download installation Contents 3. From the end of the "Apros Demo" line choose "Actions -> Assign License"

VIEW	HELP	FILES	CONTACT APPLICATION SUPPORT	
1	Name		Machine ID	(
0	Apros Supp	ort desktop	1280066884-923795522-3233175936	

4. Choose the device you just added and click "Assign license"

6. Download license file and installation package

- 1. To download demo license choose "Get License File" from the line containing info about your device.
- 2. Save the license file. It will be installed using License Manager Program as described in the next chapter.
- 3. To download installation package choose "Actions Files" from the line containing available licenses.

OWN LICENSES	DEMOS					
Messages						
Available licenses						
Name	Product	• Group	Seats	Date	Expires	Actions
Apros Demo Demo	Apros		1/1	Wed, 2017-02-08 17:47	Thu, 2018-02-08 17:47	Actions 🕶
						👁 View
Assigned licenses						Help
Device	Product	• License		Date	Actions	Files

4. Download Apros Demo installation package 'Apros 6.07.xx.yy Demo 64 setup.exe'

7. Install License keys

- 1. Start License manager by running the License Key Manager. Start-Programs menu and browse to VTT License Manager License Key Manager
- 2. Open Edit menu and choose Load

File Edit View	Help		
Appl Add		Machine Id	Expiration Date
Apro Load		3002813766-300061942-1713644449	Dec 31 12:09:24 2030
Apro		3002813766-300061942-1713644449	Dec 31 12:09:24 2030
AprosContainm	604	3002813766-300061942-1713644449	Dec 31 12:09:24 2030
AprosNuclearC	604	3002813766-300061942-1713644449	Dec 31 12:09:24 2030
AprosPaper	604	3002813766-300061942-1713644449	Dec 31 12:09:24 2030
AprosReactor	604	3002813766-300061942-1713644449	Dec 31 12:09:24 2030
AprosSA/VVER	101	3002813766-300061942-1713644449	Dec 31 12:09:24 2030
Apwg	401	3002813766-300061942-1713644449	Dec 31 12:09:24 2030
FuelCell	101	3002813766-300061942-1713644449	Dec 31 12:09:24 2030
Picasso	307	3002813766-300061942-1713644449	Dec 31 12:09:24 2030
TestingStation	101	3002813766-300061942-1713644449	Jul 20 13:09:24 2030
VTTLicenseServer	101	3002813766-300061942-1713644449	Dec 31 12:09:24 2030
X-Connector	204	3002813766-300061942-1713644449	Dec 31 12:09:24 2030

- 3. Browse Apros 6 license file (.vttlf) from your computer
- 4. Click Open
- 5. License information will be presented in License Manager

Now the license is activated and you are ready to start Apros 6 installation.

8. Install Apros

- 1. Start installing by running 'Apros 6.07.xx.yy Demo 64 setup.exe', you need administrator rights to do it
- 2. Windows will warn about installation of new program. Accept the installation.
- 3. Follow Install wizard's steps according to following pictures



4. Click next



- 5. Read the description and assuming you accept the terms specified choose "I accept..." and click Next
- 6. The installation settings are presented in the dialog

oros 6.06.34.6 Demo 64 Build 6 Setup Status	Z
The InstallShield Wizard is installing Apros 6.06.34.6 Demo 64	
Copying new files	
stallShield	Cancel

NOTE! Apros 6 workspace is created to C:\Apros\Apros 6.07.xx.yy Demo 64\workspace. Be sure that you have writing permission to this location.

7. Click Next

8. The installation progress is presented in a dialog

Apros 6.06.09.17 Combustion 64 Build 17	ſ
Setup Status	
The InstallShield Wizard is installing Apros 6.06.09.17 Combustion 64	
Copying new files	
InstallShield	
Cancel	

9. After installation is completed, Finish installation by clicking Finish



Disclaimer! Please note that Apros 6 installer setup contains JRE 8 that is used by it.

Now Apros 6 is installed.

9. Start Apros and check tutorial

- 1. Open Windows Start Menu
- 2. Follow path All Programs -> Apros -> Apros 6.07.xx.yy Demo 64
- 3. Run Apros via clicking "Apros Demo 6.07.xx.yy" shortcut
- 4. Apros opens dialog where user must define workspace folder

Launcher	×
kspace	
no stores your projects in a folder called a workspace. orkspace folder to use for this session.	
C:\Apros\Apros 6.06.34.6 Demo 64\workspace	▼ <u>B</u> rowse
s the default and do not ask again	
	OK Cancel
	r kspace no stores your projects in a folder called a workspace. orkspace folder to use for this session. C:\Apros\Apros 6.06.34.6 Demo 64\workspace

NOTE! Be sure that you have writing permission to this location.

- 5. Click OK
- 6. Apros 6 GUI window will open



Now Apros 6 is started. At the generation of the empty workspace Apros will automatically import a model called "Coal fired boiler demo". That you can now look through Model browser and simulate it from the toolbar.

For further instructions, please check: "Apros 6 Feature Tutorial" available in the documentation.

