

## iDMACS configuration manual

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## Travsys iDMACS CUPPS configuration

### Login to the TCUPPS configurator

The iDMACS CUPPS system is based on the Microsoft Active Directory (AD) system. The AD system is setup by Travsys, and system administrators are not expected to modify any setting directly in AD.

The iDMACS system administrator is provided a web based system configuration tool to manage the whole CUPPS system for users, peripherals and applications. The application is called: "TCUPPS configurator"

This tool is assigned to with a role to the system administrator user name.

The screenshot shows the web interface of the TCUPPS configurator. At the top left is the Travsys logo. Below it is a blue navigation bar with the text "Main menu". Underneath the navigation bar are two menu items: "Home" with a house icon and "Login" with a key icon. In the center of the page is a "Log In" form with a title bar. The form contains two input fields: "User Name:" and "Password:". Below the password field is a "Log In" button. At the bottom of the form is a blue link that says "Forgot your Password?". At the bottom of the page, there is a footer that reads "Powered by Web Connect Version=2.5.0.16 Copyright © 2006-2014 by [Travsys BV](#)".

After starting this tool the user has to login with his username and password as an additional security facility. After login, the below screen is presented.

The screenshot displays the Travsys software interface. At the top left is the Travsys logo. Below it is a blue 'Main menu' bar. A sidebar on the left contains menu items: Home, Preferences, Change Password, My Computer, Admin, and Logout renze. The main content area shows 'Logged in welcome text', a customization notice, and a list of sessions under the heading 'Your sessions:'. Each session entry includes a checkbox, a blue underlined link, and the session name. At the bottom, a footer line reads 'Powered by Web Connect Version=2.5.0.16 Copyright © 2006-2014 by Travsys BV'.

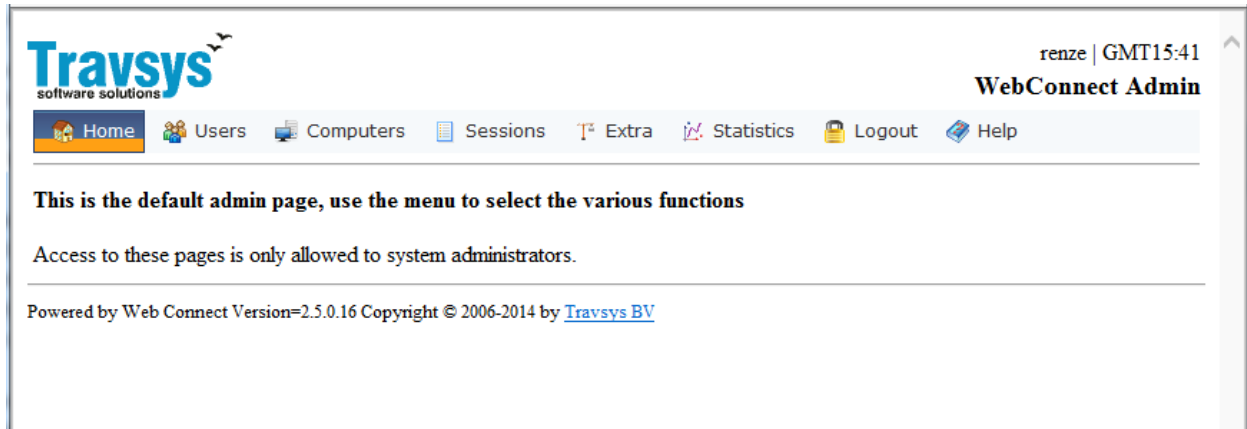
Session Name	Link	Checkbox
FlyBaghdad Boarding	<a href="#">FlyBaghdad Boarding</a>	<input type="checkbox"/>
FlyBaghdad BPP BTP BGR	<a href="#">FlyBaghdad BPP BTP BGR</a>	<input type="checkbox"/>
FlyBaghdad Checkin	<a href="#">FlyBaghdad Checkin</a>	<input type="checkbox"/>
Onur Air	<a href="#">Onur Air</a>	<input checked="" type="checkbox"/>
Pegasus Test	<a href="#">Pegasus Test</a>	<input checked="" type="checkbox"/>
Sun Express	<a href="#">Sun Express</a>	<input checked="" type="checkbox"/>

Select the "Admin" function to go into the configuration part of the TCUPPS system.

## Users and Roles

Applications for users and administrators are given a role. Only users who have this role assigned can access this application. If the role is not assigned to the user, the application is not visible for this user.

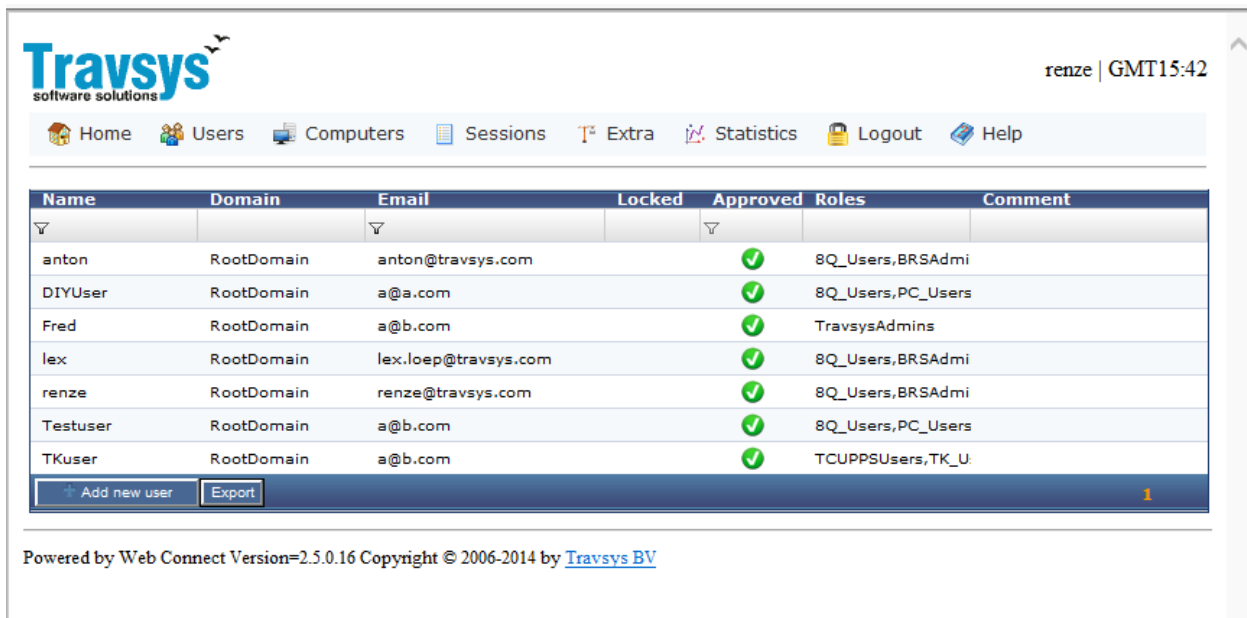
All iDMACS CUPPS users are presented with the TCUPPS shell as soon as they log in to the computer. Beyond the functions provided in the TCUPPS shell, no other Windows applications can be used or activated.

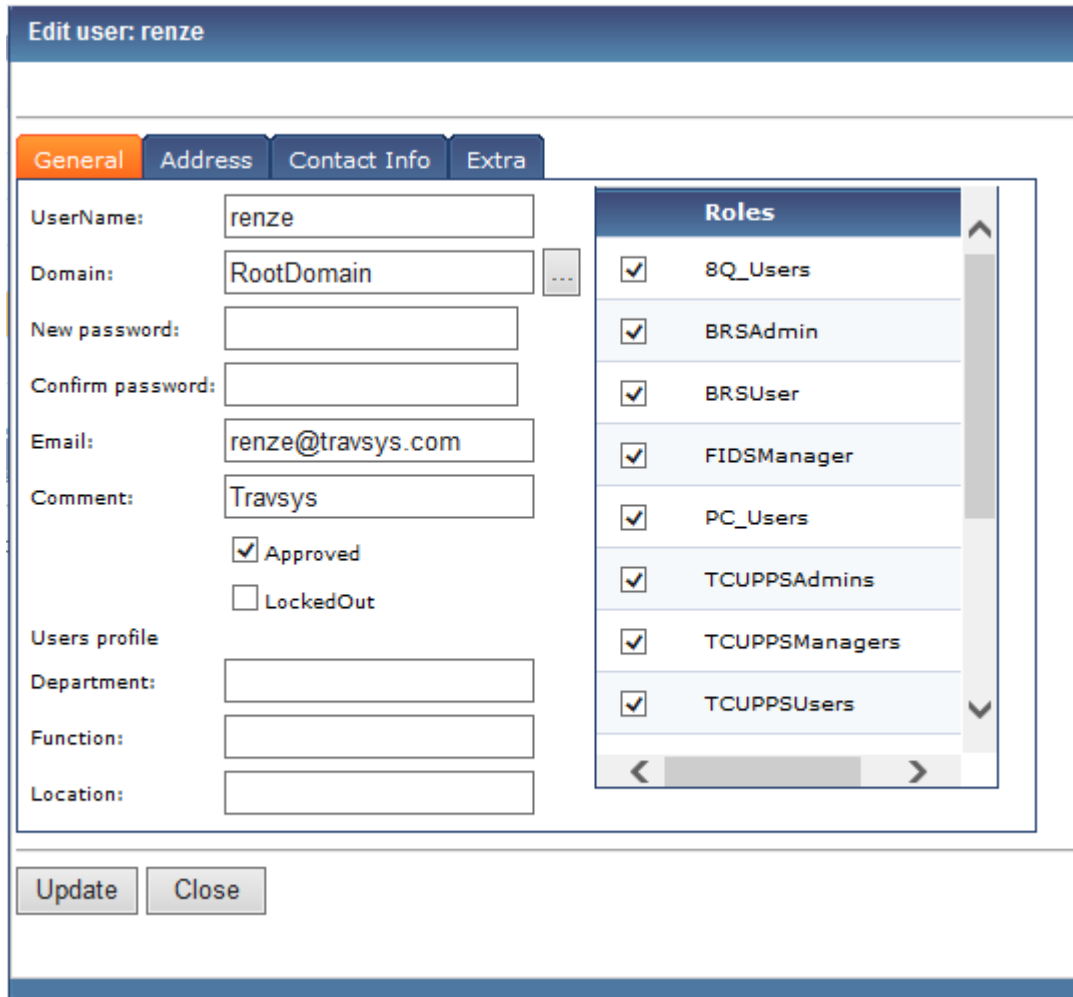


Select Users from the top menu bar.

A list of current users is shown. By entering the user name in the search box for the user name column you can filter and search for a specific user which might require modification.

Select the user or press the “Add user” at the bottom of the list.





Enter the user name with which this user is going to identify him self to the system.

Enter the initial password for this user followed by a confirmation of the password to prevent entry mistakes. Enter the users email address and a comment. Email address and comment are mandatory.

Then on the right side of the user edit box the roles for this user have to be assigned. By default, the TCUPPSUser roll is already selected. This roll is providing the user with the CUPPS shell in which he has to stay for all its operations. Do not deselect this role for any user.

As a convention we are using a role for each airline. For instance if you want to assign this user the right to handle TK applications you have to assign him the "TK\_Users" role. For users who are FIDS Managers to manage the FIDS application you have to assign them the "FIDS\_Managers" role. Those users who have to do the FIDS administration, the "FIDS\_Admin" role has to be assigned. Multiple roles can be assigned to one single person.

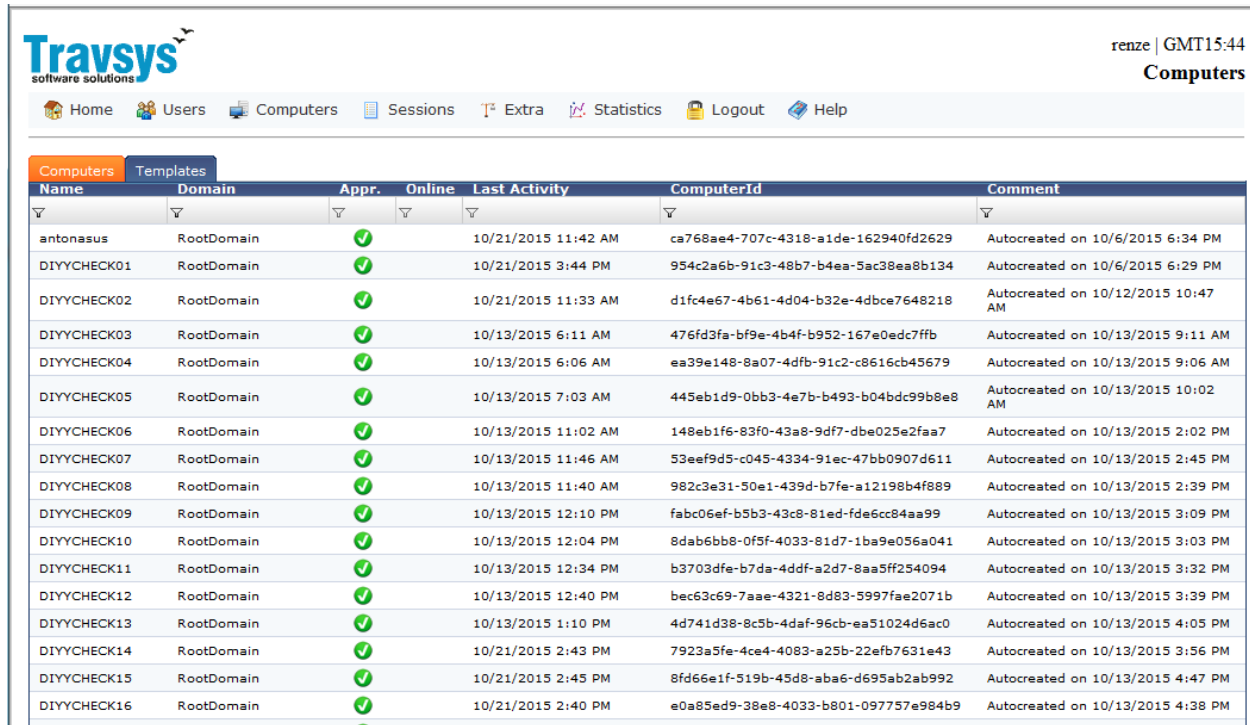
## Roles

Role Name	Users in Role	Description
8Q_Users	5	Onur Air
BRSAdmin	3	
BRSUser	3	
FIDSManager	3	FIDS Managers
PC_Users	5	Pegasus
TCUPPSAdmins	3	
TCUPPSManagers	3	
TCUPPSUsers	4	
TK_Users	6	THY users
TravsysAdmins	4	

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Roles can be created whenever applicable. At another part of the CUPPS system configurator, roles are linked to applications. And again an application can have multiple roles assigned. When defining roles it is practical to give a role comment as well for future clarification.

## Computers



Name	Domain	Appr.	Online	Last Activity	ComputerId	Comment
antonasus	RootDomain	✓		10/21/2015 11:42 AM	ca768ae4-707c-4318-a1de-162940fd2629	Autocreated on 10/6/2015 6:34 PM
DIYYCHECK01	RootDomain	✓		10/21/2015 3:44 PM	954c2a6b-91c3-48b7-b4ea-5ac38ea8b134	Autocreated on 10/6/2015 6:29 PM
DIYYCHECK02	RootDomain	✓		10/21/2015 11:33 AM	d1fc4e67-4b61-4d04-b32e-4dbce7648218	Autocreated on 10/12/2015 10:47 AM
DIYYCHECK03	RootDomain	✓		10/13/2015 6:11 AM	476fd3fa-bf9e-4b4f-b952-167e0edc7ffb	Autocreated on 10/13/2015 9:11 AM
DIYYCHECK04	RootDomain	✓		10/13/2015 6:06 AM	ea39e148-8a07-4dfb-91c2-c8616cb45679	Autocreated on 10/13/2015 9:06 AM
DIYYCHECK05	RootDomain	✓		10/13/2015 7:03 AM	445eb1d9-0bb3-4e7b-b493-b04bdc99b8e8	Autocreated on 10/13/2015 10:02 AM
DIYYCHECK06	RootDomain	✓		10/13/2015 11:02 AM	148eb1f6-83f0-43a8-9df7-dbe025e2faa7	Autocreated on 10/13/2015 2:02 PM
DIYYCHECK07	RootDomain	✓		10/13/2015 11:46 AM	53eef9d5-c045-4334-91ec-47bb0907d611	Autocreated on 10/13/2015 2:45 PM
DIYYCHECK08	RootDomain	✓		10/13/2015 11:40 AM	982c3e31-50e1-439d-b7fe-a12198b4f889	Autocreated on 10/13/2015 2:39 PM
DIYYCHECK09	RootDomain	✓		10/13/2015 12:10 PM	fab06ef-b5b3-43c8-81ed-fde6cc84aa99	Autocreated on 10/13/2015 3:09 PM
DIYYCHECK10	RootDomain	✓		10/13/2015 12:04 PM	8dab6bb8-0f5f-4033-81d7-1ba9e056a041	Autocreated on 10/13/2015 3:03 PM
DIYYCHECK11	RootDomain	✓		10/13/2015 12:34 PM	b3703dfe-b7da-4ddf-a2d7-8aa5ff254094	Autocreated on 10/13/2015 3:32 PM
DIYYCHECK12	RootDomain	✓		10/13/2015 12:40 PM	bec63c69-7aae-4321-8d83-5997fae2071b	Autocreated on 10/13/2015 3:39 PM
DIYYCHECK13	RootDomain	✓		10/13/2015 1:10 PM	4d741d38-8c5b-4daf-96cb-aa51024d6ac0	Autocreated on 10/13/2015 4:05 PM
DIYYCHECK14	RootDomain	✓		10/21/2015 2:43 PM	7923a5fe-4ce4-4083-a25b-22efb7631e43	Autocreated on 10/13/2015 3:56 PM
DIYYCHECK15	RootDomain	✓		10/21/2015 2:45 PM	8fd66e1f-519b-45d8-aba6-d695ab2ab992	Autocreated on 10/13/2015 4:47 PM
DIYYCHECK16	RootDomain	✓		10/21/2015 2:40 PM	e0a85ed9-38e8-4033-b801-097757e984b9	Autocreated on 10/13/2015 4:38 PM

Computers are identified by their computer name. A computer name has usually a relation with the location it is installed, so the computer name can be used for further selection of its function. This will be described later on.

### Devices connected to computers

Computers have devices connected to it like boarding pass printers, baggage tag printers, or gate readers for example. For each device the logical parameters are defined in the “Device” tab for a computer.

The screenshot shows the Travsys web interface for editing a computer. The page title is "Editing Computer D". The navigation menu includes Home, Users, Computers, Sessions, Extra, Statistics, Logout, and Help. The "Devices" tab is selected, showing a table of devices on this computer. The table has four columns: Type, Configuration string, Comment, and Attributes. Two devices are listed: BPP and BTP. Below the table is an "Add device" button.

Type	Configuration string	Comment	Attributes
BPP	PORT:COM1:9600,n,8,1,p PROT=7 SENBLOCKTIMEOUT=60000 PRINTERTYPE=0		Device Model:Intermec PF4i BPP SITA mode.xml
BTP	PORT:COM2:9600,n,8,1,p PROT=7 SENBLOCKTIMEOUT=60000 PRINTERTYPE=0		Device Model:Intermec PF2i BTP SITA mode.xml

+ Add device

For check-in desk computers they have a typical configuration of a boarding pass printer and a baggage tag printer assigned to them.

By double clicking on a device from the list above, the details configuration of the device is displayed.



**Add or edit devices** [x]

Device Type: Comment:  
BPP [v] [ ]

Printer Type: Printer connection:  
Standar [v]  Native port  Travsys Printserver  Windows printer

---

Native COM and LPT port:

Port: COM1 [v] Protocol: SITA Protocol [v]  
Baudrate: 9600 [v] Transmit Timeout (ms): 60000 [v]  
Parity: None [v] Databits: 8 [v]  
Flow Control: Hardware (RTS/CTS) [v] Stopbits: 1 [v]  
Custom protocol: [ ]

---

Attributes: Device Model:Intermec PF4i BPP SITA mode.xml [v] [ ]

[OK] [Cancel]

The “Attributes” item at the bottom is defining the specific device model for this device. This sets specific configuration details needed for this device model.

## Sessions

Pool Name	Pool Type	Domain Owner	Domain Assignment	Description	Roles	Attributes
DeviceInterfaceTester	TCUPPS	RootDomain	RootDomain	DeviceInterfaceTester	TravsysTest	IATA:YY, ICAO:YYY, airlineid:000, app:DeviceInterfaceTester
FIDSManger	TCUPPS	RootDomain	RootDomain	FIDSManger	TCUPPSManag	IATA:YY, ICAO:YYY, airlineid:000, app:FIDSManger
FlyBaghdad Boarding	TCUPPS	RootDomain	RootDomain	FlyBaghdad Boarding	TravsysTest	IATA:IF, ICAO:IFF, airlineid:000, app:FlyBaghdad, AppCOMCon:BG1 <BG1 interfaceMode="standard"/> KEYSIM:
FlyBaghdad BPP BTP BGR	TCUPPS	RootDomain	RootDomain	FlyBaghdad BPP BTP BGR	TravsysTest	IATA:IF, ICAO:IFF, airlineid:000, app:FlyBaghdad, AppCOMCon:BP1 COM13:9600,n,8,1 PROT=1;BT1 COM14:9600,n,8,1 PROT=1
FlyBaghdad Checkin	TCUPPS	RootDomain	RootDomain	FlyBaghdad Checkin	TravsysTest	IATA:IF, ICAO:IFF, airlineid:000, app:FlyBaghdad, AppCOMCon:BP1 COM13:9600,n,8,1 PROT=1;BT1 COM14:9600,n,8,1 PROT=1
Onur Air	TCUPPS	RootDomain	RootDomain	Onur Air	BQ_Users	IATA:8Q, ICAO:OHY, airlineid:066, app:Onurair, AppCOMCon:BP1 COM13:9600,n,8,1 PROT=1;BT1 COM14:9600,n,8,1 PROT=1;BG1 <BG1 interfaceMode="standard"/> KEYSIM:
Pegasus Test	TCUPPS	RootDomain	RootDomain	Pegasus Test	PC_Users	IATA:PC, ICAO:PGT, airlineid:624, app:PegasusTest, AppCOMCon:BP1 COM13:9600,n,8,1 PROT=1;BT1 COM14:9600,n,8,1 PROT=1;BG1 <BG1 interfaceMode="standard"/> KEYSIM:
SetParF9811	TCUPPS	RootDomain	RootDomain	SetParF9811	TravsysTest	IATA:YY, ICAO:YYY, airlineid:000, app:SetParF9811, AppCOMCon:BP1 COM13:9600,n,8,1 PROT=1;BT1 COM14:9600,n,8,1 PROT=1
Sun Express	TCUPPS	RootDomain	RootDomain	Sun Express	XQ_Users	IATA:XQ, ICAO:SDX, airlineid:564, app:SunExpress, AppCOMCon:BP1 COM13:9600,n,8,1 PROT=1;BT1 COM14:9600,n,8,1 PROT=1;BG1 <BG1 interfaceMode="standard"/> KEYSIM:
TCUPPSMonitor	TCUPPS	RootDomain	RootDomain	TCUPPSMonitor	TravsysTest.T	order:0, IATA:YY, ICAO:YYY, airlineid:000, app:TCUPPSMonitor
Travsys Helena DCS	TCUPPS	RootDomain	RootDomain	Travsys Helena DCS	YY_Users	IATA:YY, ICAO:YYY, airlineid:000, app:TSCALDCS
TRAVSYSTEST	TCUPPS	RootDomain	RootDomain	TRAVSYSTEST	TravsysTest	IATA:TK, ICAO:TKK, airlineid:000, app:TRAVSYSTEST
Turkish Airlines	TCUPPS	RootDomain	RootDomain	Turkish Airlines	TK_Users	IATA:TK, ICAO:THY, airlineid:235, app:THY_QCHECKIN
Turkish Airlines Test	TCUPPS	RootDomain	RootDomain	Turkish Airlines Test	TravsysTest	IATA:TK, ICAO:THY, airlineid:235, app:THY_QCHECKIN_TEST

The session section of the TCUPPS configuration tool is defining the applications that are available in the system. This is usually defined by the Travsys administrator.

Select one item from the list. Depending on the requirements for this session pool, this can be only a few lines, or a whole table of host addresses assigned to particular host sessions. Double click on the session name to open the details for this session.

## Session details

Pool Name	Pool Type	Domain Assignment	Description	Roles	Attributes
Onur Air	TCUPPS	RootDomain	Onur Air	BQ_Users	IATA:8Q, ICAO:OHY, airlineid:066, app:Onurair, AppCOMCon:BP1 COM13:9600,n,8,1 PROT=1;BT1 COM14:9600,n,8,1 PROT=1;BG1 <BG1 interfaceMode="standard"/> KEYSIM:

HostReference	IATA	Type	State	Reserved Computer	Attributes
<input type="button" value="Add Sessions"/> <input type="button" value="Export"/>					

One item that is important here is the “Role” assigned to this application session. Here the sessions for this application are assigned a role that is assigned to users in the user section to allow this application to be used by this user.

Pool Name	Onur Air
Description	Onur Air
Owner Domain	RootDomain ...
Assigned To Domain	RootDomain ...
Display Order	[Use Default]
ImageUrl	~/Uploads/OnurAir_S.png
Roles Allowed Acces	8Q_Users
Computers Allowed Access	
Allocate Strategy	[Use Default] v
IATA airline code	8Q
ICAO airline code	OHY
airline accounting code	066
StartupParameters	
EnvironmentVars	
Bastion node IP	
Bastion node port	
Application	Onurair v
ApplicationVersion	[Use Default] v
Free Cupps Device(s)	

In the “Computers Allowed Access” you can set a filter for the computer names that are only allowed to use this session. The computer name is filtered from the beginning till a match is found. This could be for instance: “DIYYCHECK” to allow this session to be used on computers with start with this name. In this case the check-in desk computers only.

“IATA airline code”. This is a mandatory field for the TCUPPS system because all statistics and administrative logging is based on this IATA code.

The “airline accounting code” is used for administrative purpose.

“Application” is the link to the definition for this application. The actual application is defined in the “Extra”/“Settings”/“Applications section.

“Extra” – “Settings” – “Applications”

In this table are all the definitions for the applications defined. This is the lowest level in the hierarchy of the CUPPS applications.

The “Name” is the link to the Sessions.

“Linktype” is defining how this application is executed.

“Schema”. This should be only CUPPSAPP or NONE-CUPPSAPP. CUPPSAPP's are fully developed CUPPS applications according the IATA specification. NONE-CUPPSAPP's are applications that are not compliant to the CUPPS IATA specifications and are making use of the special Travsys interface to operate.

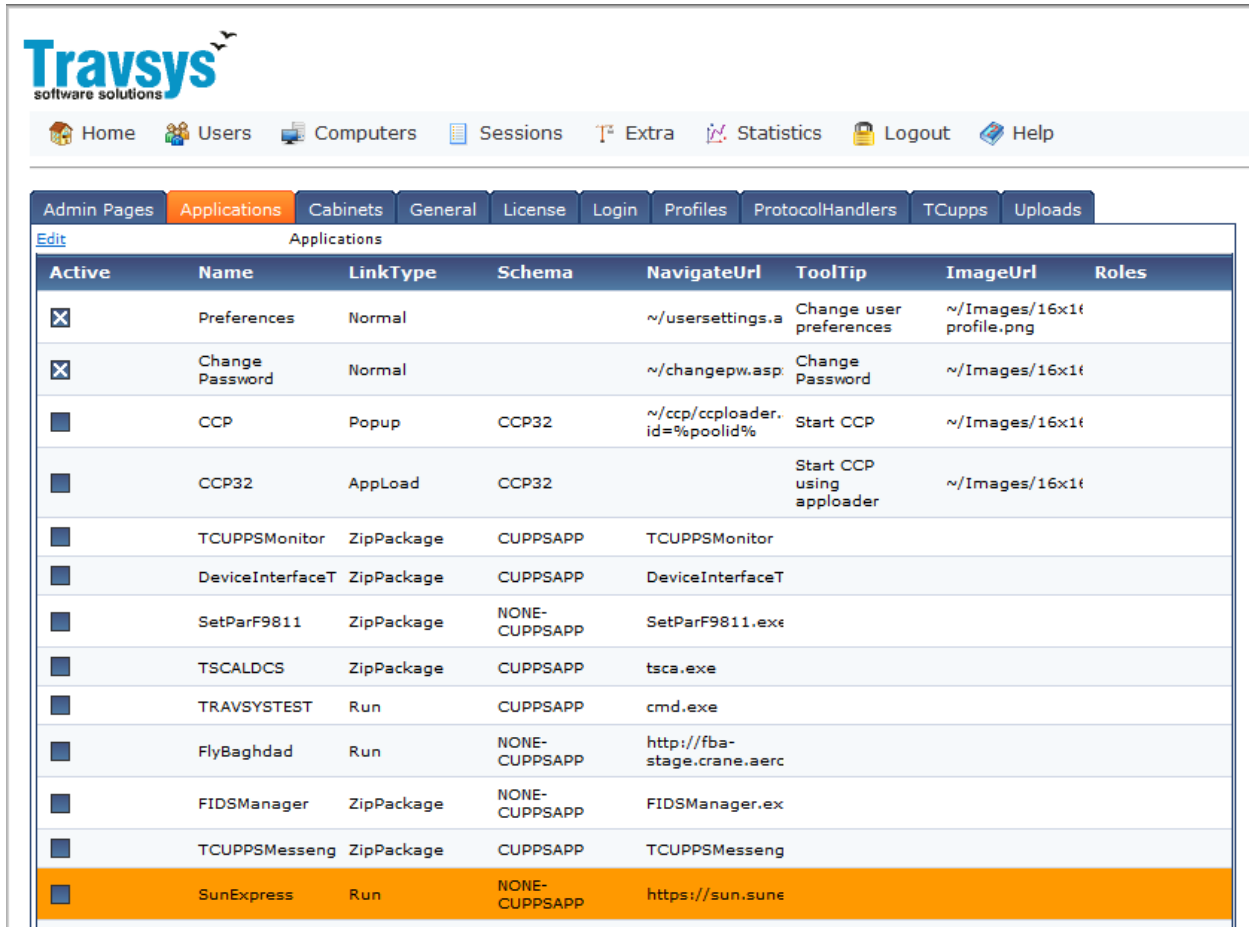
“NavigateUrl” is the command that is executed when the LinkType is Run This could be a local application or a web based application.

There are several more facilities in the TCUPPS configuration application that are not applicable for system administrators to change, and are only controlled by Travsys administrators.

## Applications

At the “Extra” – “Settings” – “Applications” tab is the definition of where and how an application is activated.

Below the list of application that are available in the system (sample)



Active	Name	LinkType	Schema	NavigateUrl	ToolTip	ImageUrl	Roles
<input checked="" type="checkbox"/>	Preferences	Normal		~/usersettings.a	Change user preferences	~/Images/16x16profile.png	
<input checked="" type="checkbox"/>	Change Password	Normal		~/changepw.asp	Change Password	~/Images/16x16	
<input type="checkbox"/>	CCP	Popup	CCP32	~/ccp/ccploade.id=%poolid%	Start CCP	~/Images/16x16	
<input type="checkbox"/>	CCP32	AppLoad	CCP32		Start CCP using apploader	~/Images/16x16	
<input type="checkbox"/>	TCUPPSMonitor	ZipPackage	CUPPSAPP	TCUPPSMonitor			
<input type="checkbox"/>	DeviceInterfaceT	ZipPackage	CUPPSAPP	DeviceInterfaceT			
<input type="checkbox"/>	SetParF9811	ZipPackage	NONE-CUPPSAPP	SetParF9811.exe			
<input type="checkbox"/>	TSCALDCS	ZipPackage	CUPPSAPP	tsca.exe			
<input type="checkbox"/>	TRAVSYSTEST	Run	CUPPSAPP	cmd.exe			
<input type="checkbox"/>	FlyBaghdad	Run	NONE-CUPPSAPP	http://fba-stage.crane.aerc			
<input type="checkbox"/>	FIDSManager	ZipPackage	NONE-CUPPSAPP	FIDSManager.ex			
<input type="checkbox"/>	TCUPPSMesseng	ZipPackage	CUPPSAPP	TCUPPSMesseng			
<input type="checkbox"/>	SunExpress	Run	NONE-CUPPSAPP	https://sun.sune			

If you open one of the applications by double clicking in the respective line, the details of this application are shown.

The screenshot shows a dialog box titled "Edit ApplicationEntry". It contains the following fields and controls:

- Active:** A checkbox that is currently unchecked.
- Name:** A text input field containing the value "SunExpress".
- LinkType:** A dropdown menu with "Run" selected.
- Schema:** A dropdown menu with "NONE-CUPPSAPP" selected.
- NavigateUrl:** A text input field containing the URL "https://sun.sunexpress.com.tr".
- ToolTip:** An empty text input field.
- ImageUrl:** An empty text input field with a browse button (three dots) to its right.
- Roles:** An empty text input field.
- Buttons:** "OK" and "Cancel" buttons at the bottom center.

The "Name" field is the reference to the Session pool item.

"LinkType" is defining what the format of this package is.

"Schema" is defining the type of application.

"NavigateUrl" is the URL or the local application name to start the application.