19.02. mSupply web server

About the mSupply web server

When mSupply's web server is running, it allows you to access mSupply data from any networked computer that has a web browser.

Security warning: We have had thousands of uses of our mSupply web server on the public internet since 2005. To date we have not had a security problem reported. However, we recommend you use SSL and a proper SSL certificate if your mSupply web server is publicly accessible. mSupply fully supports SSL. Contact us for certificate installation instructions.

The advantages of accessing mSupply in this way are:

- It's easy. Most people are familiar with using a web browser.
- It's low maintenance. You do not need to install any client software.
- It's cost effective. Once you have purchased a web server licence an unlimited number of people can connect.
- it's secure. The web server supports access using SSL, the standard for securing internet connections, stopping any malicious snooping of passwords or data.
- It allows customer access to information. The web interface built into mSupply can easily be customised to allow clients, supplier or other interested parties to have restricted access to the mSupply information you wish to show them. We are also able to include order submission by customers, making it easy for them to place small orders, and have real time information on stock availability.
- You can access mSupply from anywhere on the internet. Once we supply you with a password protected version of the web interface, you can access mSupply data from any internet connected computer.
- It's fast over low bandwith connections. The mSupply web server allows you to provide access to mSupply from locations with only dial-up access.

mSupply web server functionality is being continually expanded according to client requirements. We welcome suggestions for more features.

Turning on the web server

The mSupply web server feature is not included in the regular mSupply licence; in order to use this function, an additional license is required. On application to Sustainable Solutions this can easily and swiftly be arranged.

For practice purposes, an evaluation version is available on our server - should you wish to access this, please contact us for instructions.

Choose File > Preferences, then click on "Web server" in the list.

Ceneral Misc Purchase order defaults Purchase order 2 Invoices 1 Invoices 2 Invoices 3 Rem Price Quotes Reports Names Tender Reminders Patient Medication Orugi Interactions Registration Printing Ok and print Dispensary mode HS Backup Backup Backup Backup Backup Backup Customer module Outsing off we binterface Ceneral Start web interface Central Start some interface Customer interface Backup Solut Sort Solut	• • •	Preferences
Parchase order defaults Parchase order 2 Invoices 1 Invoices 2 tem Price Quotes Reports Names Tender Registration Prising Ok and print Logo Dispensary mode HS Backup 2 Email Strace Customer module Otsamer module Ostable the customer web order module and display this message: Logo Dispensary mode HS Backup 2 Email Strace Customer module Strace Customer module <th>General</th> <th>Web Server</th>	General	Web Server
Parchase order 2 In water was server on port august Invoices 1 Use the following port for SSL 9090 Invoices 2 We bulk inter//192.168.4.3.8080/ Start Web server Price Invoices Enable Support DB Integration Reports Use mame Invoices Reports Dispontant URL Test connection Patient Medication Use the customer web order module and display this message: Invoices Dispontary mode Invoices at a time Invoices at a time Invoices at a time Struet Default store for web interface request can t	Misc	Start web server on the server when mSupply server starts
Purchase order 2 Invoices 1 Invoices 2 Item Price Quotes Quotes Reports User mame Password Tender URL Tender URL Patient Medication Drug Interactions Registration Cissoble the customer web order module and display this message: Logo Dispensary mode HS Sacup 2 Customization Sacup 3 Sacup 3 Sacup 3 Backup 2 Default store for web interface Customization Maximum time a mobile interface request can take Ostard Sign 4 User can create 20 uncompleted orders at a time Customization Moneyworks Sigl Server FrontlineSMS etMS Backup 3 Backup 4 Backup 2 Default store for web interface Central Zondower stat state state User can create 20 uncompleted orders at a time Customization Moneyworks Sill Server FrontlineSMS etMS etMS etMS etMS etMS etMS Backup 2 DisS2	Purchase order defaults	Bun the web server on port 8080
Invoices 1 Invoices 2 Item Neter Ne	Purchase order 2	No.
Invoices 2 Item Price Quotes Reports Username Password URL Password URL Test connection Push now Pash now Pash now Pash now Patient Medication Drug Interactions Registration Police Customer module Customer module Customer web order module and display this message: Logo Dispensary mode Hi Backup 2 Default store for web interface Email Maximum time a mobile interface request can take Struer User can create 20 uncompleted orders at a time Struer SolL Server FrontlineSMS eLMS ElMS ElMS ElMS ElMS ElMS ElMS ElMS El	Invoices 1	
Item Price Quotes Reports Names Password Password Password URL Test connection Patient Medication Drug Interactions Registration Putient Medication Drug Interactions Registration Dispensary mode HS Backup 2 Email Customer for web interface Customization Maximum time a mobile interface request can take Stater Can create 20 uncompleted orders at a time SQL Server Customization Moneyworks FrontlingMS eLMS LLAP DHS2	Invoices 2	meb dit. http://132.200.4.3.0000/
Quotes Reports Names Tender Reminders Patient Medication Drug Interactions Registration Printing OK and print Logo Dispensary mode HiS Backup 2 Email Server Customization Maximum time a mobile interface request can take Solutions Kenneyworks FrontlineSMS eLIMS Start SQL server on the server when mSupply server starts Run SQL server on port DHS2	Item	You will need to re-start mSupply server for changes to most of these settings to take effect.
Quotes Reports Names Tender Reminders Patient Medication Drug Interactions Registration Printing OK and print Logo Disable the customer web order module and display this message: Logo Dispensary mode HS Backup 2 Email Server Customic for web interface Central Warehouse Server User can create 20 uncompleted orders at a time Solt Server FrontlineSMS EMIS Start SQL server on the server when mSupply server starts Run SQL server on pot 19812	Price	Easthic Support DB Interaction
Names Tender Reminders Patient Medication Drug Interactions Registration Printing OK and print Logo Dispensary mode HS Backup Default store for web interface Default store for web interface request can take User can create Backup Sout Server FrontlineSMS BMS LIAP DHS2	Quotes	
Tender Reminders Patient Medication Drug Interactions Registration Printing OK and print Logo Dispensary mode HS Backup 2 Email Server Customization Maximum time a mobile interface request can take User can create 20 uncompleted orders at a time Solut Server FrontlineSMS EMIS DHS2	Reports	Usemame 🖉
Reminders Patient Medication Drug Interactions Registration Printing Customer module OK and print Dispensary mode Logo Dispensary mode HS Backup 2 Email Default store for web interface Customization Maximum time a mobile interface reguest can take Server User can create Customization Sol Server FrontlineSMS Start SQL server on port DHS2 Start SQL server on port	Names	Password
Patient Medication Drug Interactions Registration Printing OK and print Logo Dispensary mode HIS Backup 2 Email Server Customization Maximum time a mobile interface request can take Server Customization Moneyworks FrontlineSMS eLMIS LIAP DHIS2 Customized of the server when mSupply server starts Run SQL server on port 19812 Custom	Tender	URL Test connection Push now
Drug Interactions Registration Printing OK and print Logo Dispensary mode HIS Backup 2 Email Striver Customization Moneyworks FrontlineSMS LIMP DHIS2	Reminders	
Registration Customer module Printing Disable the customer web order module and display this message: Logo Dispensary mode HIS Backup 2 Backup 2 Default store for web interface Email Maximum time a mobile interface request can take Street User can create User can create 20 uncompleted orders at a time SQL Server SQL Server FrontlineSMS Start SQL server on the server when mSupply server starts Run SQL server on pot 19812	Patient Medication	
Printing Customer module OK and print Disable the customer web order module and display this message: Logo Dispensary mode HIS Default store for web interface Backup 2 Default store for web interface request can take Email Maximum time a mobile interface request can take Streer User can create User can create 20 uncompleted orders at a time Storer Soll. Server FrontlineSMS Start SQL server on the server when mSupply server starts Run SQL server on port 19812	Drug Interactions	
Printing OK and print Logo Dispensary mode HS Backup 2 Email Server Customization Moneyworks FrontlineSMS eLMIS Start SQL server on the server when mSupply server starts Run SQL server on port DHS2	Registration	
Logo Dispensary mode HS Backup 2 Email Default store for web interface Server O seconds Customization Sol Server Moneyworks SOL Server FrontlineSMS Start SQL server on port DHS2 User can create		
Dispensary mode HIS Backup 2 Email Default store for web interface Ceneral Warehouse C Email Server Customization Moneyworks FrontlineSMS eLMIS LIAP DHIS2	OK and print	Disable the customer web order module and display this message:
HIS Backup 2 Email Default store for web interface General Warehouse G Maximum time a mobile interface request can take O seconds User can create 20 uncompleted orders at a time User can create 20 uncompleted orders at a time SQL Server FrontlineSMS eLMIS LDAP DHIS2	Logo	
Backup Backup 2 Backu		
Backup 2 Default store for web interface Ceneral Warehouse Email Maximum time a mobile interface request can take User can create 20 uncompleted orders at a time User can create 20 uncompleted orders at a time SOL Server FrontlineSMS LDAP DHIS2		
Backop I Maximum time a mobile interface request can take Image: Constraint of the server of the server starts Customization Sol. Server Moneyworks Sol. Server FrontlineSMS Start SQL server on the server when mSupply server starts Run SQL server on port 19812		
Server O seconds Customization User can create 20 uncompleted orders at a time Moneyworks SQL Server FrontlineSMS Start SQL server on the server when mSupply server starts Run SQL server on port 19812		Default store for web interface General Warehouse
Description User can create 20 uncompleted orders at a time Moneyworks SQL Server SQL Server SQL Server on the server when mSupply server starts ELMIS Start SQL server on the server on port 19812 Official Start DHIS2 Official Server Official Server Official Server		Maximum time a mobile interface request can take 0 seconds
Customization Moneyworks SQL Server FrontlineSMS SQL Server on the server when mSupply server starts eLMIS Run SQL server on port 19812 DHIS2		User can create 20 uncompleted orders at a time
FrontlineSMS Start SQL server on the server when mSupply server starts eLMIS Run SQL server on port 19812 DHIS2 Creation Control Contr		
eLMIS Start SQL server on the server when mSuppry server starts LDAP Run SQL server on port 19812 DHIS2 Creation Control Contr		onr selvel
LDAP Run SQL server on port 19812 DHIS2		Start SQL server on the server when mSupply server starts
DHS2		Run SQL server on port 19812
Control Official Control		
		Cancel
DHIS2 LMIS Cancel OK	UNIS2 LMIS	

You can choose to start the web server or have it start automatically when mSupply starts (see General preferences for more details on these preferences).

Technical note: By default mSupply is set to use port 8080. This is because the default port number for http access (80) on unix systems running mSupply can only be used by applications that have root privileges, and we don't want you to have to run mSupply as root! If this is a problem, we can supply you with an application that redirects traffic on port 80 to port 8080.

Setting up mSupply desktop users for mSupply Mobile (browser)

Your mSupply server needs to be set up for mSupply Mobile (browser) use. Follow these simple steps to get started:

- 1. Create a virtual store to hold the remote facility's stock.
- 2. Create new users for the store or give some existing users permission to login to it. Note: Make sure that only the users who will use the mobile interface have permission to login to this store.
 - Note that the important setting for mobile access is the "Default store." You'll need to turn on "store mode" for the store too, else you can't turn on "Default store." For example, here's user Debbie set up so that when she logs into mSupply mobile she'll be logged into Tulagi Mini Hospital:

				Edit use	r			
User Debbie				Luit use				
User Debble								
(General	Permissio	ns Permissi	ons (2) Per	missions (3) Lo	g-on modes	Details	
Name		Is disabled	Default store	Store mode	Dispensary m	HIS mode	Default mode	
Supervisor- All stores								•
General							Store	-
Vaccine Store							Store	•
Hospital Info System								-
Viso RHC								•
Tulagi mini hospital								-

2. Note that other user permissions (on the Permissions, Permissions(2) and Permissions(3) tabs) only apply to mSupply Desktop Users, not to mSupply Mobile Users.

Delete

Cancel

OK

- 3. For the steps below, refer to Virtual stores for detailed instructions
 - 1. Make **only** the items which the remote facility will use visible in the new store.
 - 2. Make **only** the names which the remote facility will use visible in the new store.
 - 3. Ensure the store can receive transfers from the store that will be supplying it (This is done by ensuring that the receiving store's name record is visible to the sending store)
 - 4. Ensure "Pack to one" is turned on for visible items in each store.

Now you're ready - have fun!

Previous: 19.01. Introduction to web interfaces | | Next: 19.03. mSupply customer web interface

From: https://docs.msupply.org.nz/ - mSupply documentation wiki

Permanent link: https://docs.msupply.org.nz/web_interface:using_the_web_server



Last update: 2021/10/08 09:42

3/3