

Range Cockpit - Manual

2024.2.x



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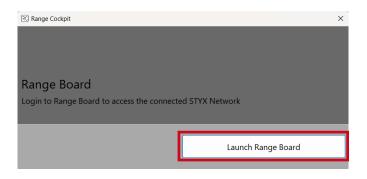
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Introduction

The SIUS Cockpit was replaced by Range Cockpit with version 2024.1.0, the range of functions remains the same.

Range Cockpit Login

Open Range Cockpit with a double click on the desktop icon. Click "Launch Range Board", to open the Range Cockpit.



Login as Guest: Grants access to Watchtower and Health Check (No password required).

Administrator Login:

Username: admin

Password: The password is provided by SIUS, it can be requested from support. The password can be changed in the Range Board.

SIUS * SWISS PRECISION
Login
User Name admin
Password *******
Login
OR
Login as guest
Reset Admin Password

The password can be reset using the "Reset Admin Password" function. To do this, the displayed code must be sent to SIUS Support by e-mail.

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Range Board

Range Details

The homepage of the Range Boards shows the range details.

General information about the system (A) is displayed here (e.g. Country, Location, Language, etc.).

The Data can be customized.

The Range Language is the language of the range (e.g. athletes monitors)

Click the Update Button (B) to save changes.

■	I Range Board			9	۵	
	Range Details	Range Time	Shooting Sports Cloud	Change Password		
€	Country	Switzerland (CHE) -	A			
	Location	Effretikon				
	Venue	Support				
	Range	Test Range				
	Combined Range Name	CHE Effretikon Support Test Range				
	Range Language	English (EN)				
	Update		4			

Range Time

The range time can be changed here.

Mostly the time setting is set during set up uf the range and it's not necessairy to update afterwards. At online ranges the Date and time are updated automatically by changing the time Zone.

∎	I Range Board			⊖ ≜ ≣
	Range Details	Range Time	Shooting Sports Cloud	Change Password
•	Europe/Zurich Date and Time		✓ Update timezone only	
	11/5/2024, 8:09 AM		Update time and timezone	

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Shooting Sports Cloud

If the function "Range Live Results" (A) is activated, data will be published online on Shootingsportscloud. To activate the upload, switch the botton to the right. It is saved automatically.

The Mediator Support (B) is a support tool of SIUS AG to connect to your range, internet access is required. This options shows if a supporter is currently connected to the range.

≡	Hange Board				⊖ ≜ ⊞
	Ra	nge Details	Range Time	Shooting Sports Cloud	Change Password
G	Environment:	Prod	-		
	Range Live Results:	Upload Data [Online Help]			
	Mediator Support:	Connected (Slot 1)	\mathbf{R}_{Reload}		

Change Password

In this area you can change your admin-password.

To do this, the old password must be filled in the first field and any new password must be entered in the next fields.

	III Range Board			⊖ ≜ ⊞
¢	Range Details	Range Time	Shooting Sports Cloud	Change Password
€	Old Password*			Î
	New Password*			
	Confirm New Password*			
	Change Password			

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Statistics

Within the Shot Counter the number of shots per lane and for the entire range are displayed. In the list, the number of shots is shown according to each lane.

And the total of shots of all lanes is shown at the buttom of the list.

≡⊞	Range Board					8	¢ 🏢
\$	Shot Counter Shot Statistics	Login Counter					
							Reload
		Lane		 Count	_	_	
		la da fi fila		 count			
Q	2		Q				
		1		4490			
		2		1943			
		3		756			
		4		706			
		5		1040			
		6		694			
		7		809			
		8		791			
		9		876			
		10		2854			
		11		752			
		12		895			
		13		946			
		14		887			
		15		979			
		16		715			
		17		557			
		18		465			
		19		124			
				ium: 21324			

Additional shot statistics or login counters can be viewed and exported. However, only the existing results on the resource server are included in these two statistics. The storage period for exercises and results data can be set to a maximum of one year in the Watchtower in the Maintenance section.

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Backups

In the Backups Section, backups of the servers ,kanopus and infrastructure, can be created.

The backup contains the whole configuration (and exercises and users) of the server.

To make Backups at least one USB stick is needed, USB sticks that have been validated by SIUS are preferred.

To start a manual backup, plug in the USB stick to the desired server (e.g. infrastructure) and press "create new" (A). If an USB stick is plugged in permanently to a server the "Auto Backup" (B) can be set.

≡	III Range Board				€ ≜	
\$	Delete All Data C Reconnect clients			В	Settings Auto Backup	
	Hostname					✓○
	Create New Refresh				Save	
	Name	Time	File Size	Actions		
		No data				

Mainmenu

The mainmenu is used to navigate to the different services of the range.

			×
	I Range Board	$\left \begin{array}{c} \diamond \\ \phi \end{array} \right $ Range Configurator	
	र्ट्रि} Range Settings	Ø Range Update	
- 49-	P Resource Server	𝒫 [∼] Sensor Data Analysis	
	STYX Service	The Watchtower	
	SIL • SWIST		

Range Configurator

Range Plans

In the section "Range Plans", the range plan of the range can be uploaded.

Upload the range plan, by clicking on the Button "Upload", then select the concering document and upload it. When the upload is finished the Import window can be closed again by clicking "Close".

e 1	<u></u>	

Once the range plan is uploaded, it can be downloaded, shown or deleted.

	°¦↓ Range Configurator										8	۵	
\$	● Upload			Ľ	-	1	of 4	_	+ Automati	cZoom 🗘		0) »
_	Name	Created date		SIU	IS		300m S	SA9006 syx Standard Cabling for :	100 lines (1-10)		drutt AG Im Langhag 1 CH-8307 Eth Phone H41 52 354 60 60 Ph www.aka.com adming@aka	filon Selfredend +41 52 354 60 66 	
₫	Styx SA9006 Verkabelungsplan-GUNTELSEY.pdf	[object Object]	1	The last second	Jupeiner datala	<u>``</u> ``````````````````````````````````		o o					
\oslash				Gentraw Leburg Bill 2 Destriction (Austin)			J						
A							- Jose do ango: - Jose do a		temp				
\$					Program RD RDRDAd		i 🛋	i i	dî dî	þ	dî dî		
Lo					Chry Available 10. K1000-1 Chry Collection 10. Collection								
B					- San Kanal					-		Ì	

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Health Check

In the Health Check Warnings and Errors of the entire range (STYX components) are listed. Warnings and errors are listed in the following tabs:

- Warnings: Warnings and errors are listed
- No Connection: Devices with no connection are listed (e.g. not started athletemonitors)
- Not configured: Devices without a configuration are listed

■	°¦¦ Range Configurator				Θ	≜ Ⅲ
\$	Warnings No Connection	Not Configured	t l			
	✓ Expand all ∧ Collapse all	C Refresh all				
 Ø 	Service	Main Groups 🕴 🕇	Serial Number	IP Address	Warnings	Options
		Q	Q	Q		
♠	 athletemonitor.application (1) athletemonitor.application 	Lane_001.Service	44:b4:12:03:29:7d	172.20.14.25	• 146: Log files can not be written -> Normal	¥
\$					operation is still possible at 5/22/2024, 8:22:09 AM 👔	-
ᄃ					Custom description: The defined LogDirectory /opt/sius/logs does not exist	
Ðð					• 172: SD-Card could not be found -> no SD-	
					Card is present or the SD-Card is broken at 5/22/2024, 8:16:59 AM	
(Custom description: No working SD-Card could be found. Formatting of the SD-Card is aborted.	

In case of problems with the range have a look in the heath check before contacting the support. The support will ask for screenshots of all tabs of the health check in most cases.

System Checks

Field tests can be executed for selected devices. The list of supported devices is constantly increasing.

≡	}} Range Configurator	8	۵	
۲	Start Field Test		Ŀ	ast run -
₫	Position Y Healthy			
\oslash	Lane 1 * acousticbar * 300m			
^	Name Status			
	> DidromTest Passed > 12(Test Passed > PowerSupplyTest Passed > AcousticLedTest Passed > SpiCommunicationTest Passed			

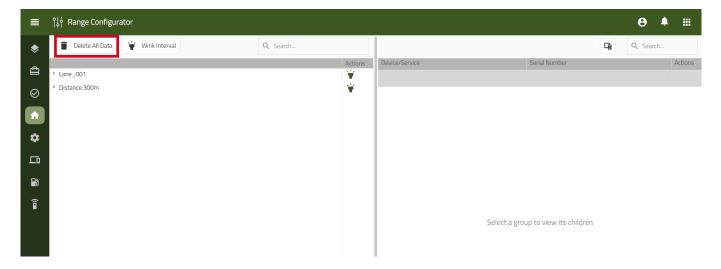
Home

Homepage of the Range Configurator.

The Groups with its devices of the active configuration are listed.

The button "Delete All Data" delets the active configuration.

This button should never be pressed without instruction of SIUS staff.



Configurations

The active configuration is shown.

The configuration can be uploaded to the cloud, by clicking the cloud symbol.

■	°↓ Range Configurator		⊖ ≜ ⊞
۲			Q Search
≞	Configuration Name	Date	Options
	Q	٩	
\otimes	300m SA9006 1 Lane	7/5/2024	
♠			
\$			
됴			
B			
Î			

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Devices

All devices and their status are listed.

There are also simplified functions for carrying out tests or replacing devices. The functions are the following (from left to right):

- Wink: the affected device responds with blinking
- Exchange: A device can be changed with another device of the range
- **Replace**: A device can be replaced by a new device
- Delete: A device can be deleted from the configuration

≡	입하다 Range Cor	figurator						⊖ ≜ ⊞
	Manage Device G	iroups						
≞	✓ Expand a	ll Collapse all				Search		Q Search
0		Service Name	Main Groups †	Serial Number	IP Address	Options	Group	
\otimes		Q	Q	۹	Q		۹	
f	🔹 acousticbar ((1) 🍟					Lane_001.Device Distance.300m.Device	
\$	• 0	acousticbar.application	Distance.300m.Device Lane_001.Device	44:b4:12:02:43:37	172.20.14.27	🖞 🔀 🗘 📱	Distance.300m.Device	
	* athletemonit	tor (1) 👾						
		athletemonitor.application	Lane_001.Device	44:b4:12:03:29:7d	172.20.14.25	₫ 00 🕅 🗑		
B	🍷 bd95 (1) 🍟							
î		bd95.application	Lane_001.Device	44:b4:12:03:11:5e	172.20.14.26	🚊 ហ 🔀 🕌		
•	* infrastructur	e server (1) 👻						
		rangeupdate styxservice		00:0d:b9:48:61:14	172.20.10.17	豊 25 25 🗑		

Services

All services of servers and devices are listed here.

If there are services with warnings, these are displayed on the right in the column Warnings. If a device provides the opportunity to wink, it's also possible to send a wink to the device in this view.

°,↓	Range Co	onfigurator							⊖ ≜ ∷
Mar	nage service	e groups							
	 Expand 	all Collapse all			G	Q Search			Q Search
		Service	Main Groups	† Serial Number	IP Address	Options	Warnings	Group	
		Q	Q	Q	Q			Q	
-	acousticba	r (1) 👻						Lane_001.Service	
	• C) acousticbar.application	Distance.300m.Service Lane_001.Service	44:b4:12:02:43:37	172.20.14.27	¥		Distance.300m.Service	
*	athletemor	nitor (1) 🍟							
		athletemonitor.application	Lane_001.Service	44:b4:12:03:29:7d	172.20.14.25	¥			
•	bd95 (1) 🍟	í							
	• C) bd95.application	Lane_001.Service	44:b4:12:03:11:5e	172.20.14.26	¥			
-	infrastruct	ure server (6) 🍟							
	• C) rangeconfigurator		00:0d:b9:48:61:14	172.20.10.17				
	• C) rangesettings		00:0d:b9:48:61:14	172.20.10.17				
	• 0) styxservice		00:0d:b9:48:61:14	172.20.10.17				

Wizard

The Wizard is used to configure the range at initial installation. The Wizard is only performed by SIUS staff or on instruction. An accidentally started Wizard can lead to a non functional range. SIUS AG reserves the right to charge for any support required afterwards.

Range Settings

In the "Range Settings" different settings of the devices can be changed.

Select the device (a single service) on the left side, then the available settings appear on the right side to be edited. A declaration for each setting can be found by clicking on the ?-Button.

<i>₹</i> (Ĵ} Rai	nge Settings								(9 🔺 I
	•	C Refresh	C Reconnect of	lients		G	>	athlete	emonitor.application		
		Serial Number	IP Address	Hostname	Service Name	Actions			Value		Information
		Q	Q	Q	Q			✓ ProductSettings			
	athle	temonitor (1)			1			ConfigurationSource	RangeConfigurator •	Ð	
	~	44:b4:12:03:29:7d	172.20.14.25	athletemonitor-lane	athletemonitor.appli	Ð		 LaneBehaviorSettings 			
•	bd95	(1)						CrossShotIndicationTimeInSeconds	120	Ð	Min: 0
•	infras	structure server (6)						TargetHidingKind	Rotate	Ð	
•		ous server (6)						TreatRicochetLikeMisses	✓	Ð	
•	them	elia server (1)						▼ PrintSettings		-	
								NumberOfLineFeedsAfterExercise	10	Ð	Min: 0
								RangeTimerCommonSettings			
								RangeTimerIndex	1	Ð	Min: 1
								TimerUnsetString	:	Ð	
								TimerVisible		Ð	
								 ShotValidatorSettings 			
								ActivateCrossShotValidationViaRangeShotVa	\checkmark	\mathbf{O}	
								 TargetLightSettings 			
								BGLightActive		Ð	
								BGLightIntensity	41	Ð	Min: 0 Max: 10
								 TargetPictureGuiComponentSettings 			
								DrawShotNumbers	\checkmark	Ð	

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Range Update

Update Range

The whole range can be updated online with just a few clicks, but also an offline Update is possible. Due to compatibility all servers and devices must be updated at once.

Online Update

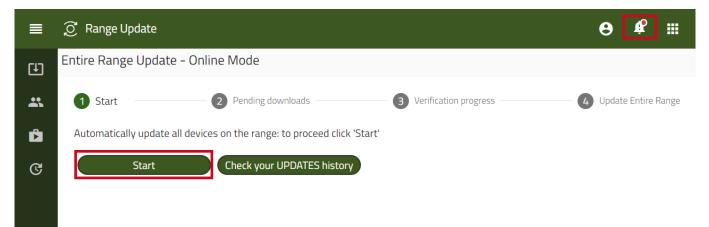
Requirements: The Network Master must be connected to the internet.

Is the range connected to the internet, the Update of the range can be done by clicking on the "Start"-Button in the Section "Update Range".

After clicking the "Start"-Button and confirming the process the available updates are installed automatically. Info: The Infrastructure will be updated first, then the other servers and devices follow.

The whole update process can take up to an hour, during this time all devices must stay powered on. During the update process several restarts of the servers and devices are possible.

It is only possible to start the online Update, if there are Updates available. Available Updates are indicated by a red dot by the bell in the upper right corner of the Range Cockpit.



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Offline Update

If the range is not connected to the internet, an offline update can be done.

Before starting the Offline Update be advised to plug in an USB stick to the range Computer (on which the Range Cockpit is running).

- Navigate to Mainmenu>Range Update > Update Range.
- Click on "Next" to start the Offline Update process

Download Inventory File	Upload Component Files	6 Verification progress	Update Entire Range
oceed please prepare Flash Drive.			
	-		

- Confirm the following page (Request to plug in the USB stick)
- and on the next page, click "download inventory file (.json)
- and save the inventory file on the plugged in USB stick

■	🕱 Range Update	€ ≜ ≣	•
(†) 41	Entire Range Update - Offline Mode		
C	Start Plug in Flash Drive Download Inventory File O Download Component Files S Upload Component Files O Verification progress	- 7 Update Entire Range	



After dowloading the inventory file, plug off the USB stick and change to a location with internet access.

- Plug in the USB stick with the inventory file
- open software.sius.com in your browser (e.g. Edge) and change to "Offline Update"

Sus software.sius.com x +		- 0 ×
← C		A ★ 🗘 🕼 🚳 🏈
SIUS		Offline Update
	٩	a
	10 Lane Command Desk 9.4.0 31.01.24 10 Lane Command Desk 😑 👤	Ì *
	6302targetchanger.application 2.6.2 08.01.24 Application for TargetChanger VSW03	

- Upload the inventory file to the homepage
- now a zip file is downloaded with all the available softwareupdates for your shooting range
- save the zip file on the USB stick

🔮 🗊 945 software.sius.com x +							ð	\times
← C 🖞 https://software.sius.com/offline-update/release		A»	☆	Φ	₹_=	÷ ۵	s	0
SIUS	Offline Update							۹ ۵
C Open × ← → × ↑ □ → US8 Drive (F) → Update ∨ [δ] Search Update ▷	Upload inventory.json file							0
Organice • New folder Ell • • • • • • • • • • • • • • • • • •								+

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After saving the zip file on the USB stick, plug it off and go back to your shooting range. Back at the range follow the steps:

- Plug in your USB stick
- Unzip the file you downloaded before (Rightclick on the zip-file > press Extract all)
- Navigate to Mainmenu>Range Update > Update Range.
- Click on "Already have components"

■	Ø Range Update						θ ≜ ≣
(1) #	Entire Range Up	date - Offline Mode					
1 ©	1 Start —	2 Plug In Flash Drive	Oownload Inventory File	Download Component Files	(5) Upload Component Files	Verification progress	Update Entire Range
	Can't connect to <u>s</u>	oftware.sius.com, Manual Installation Re	quired. To proceed please prepare Flash Driv	/e.			
	Next	eady Have Components					

- on the next page proceed with clicking on "Upload Component Files"
- then select all update files
- and upload them

📧 Open	×					⊖ ≜ ∷
\leftarrow \rightarrow \checkmark \uparrow \Box_{a} « Upd \rightarrow sius-components-ar \checkmark \heartsuit	Search sius-components-arch P					
Organise 👻 New folder	lii 🔹 🛄 🚷					
Pictures Name Videos Videos Vindows7_OS (Discovereboard.application_2024.1.1.sca						
USB Drive (F:) buero (\\baros) (DEV (\\baros) (b;	,	Import	Oownload Component Files	Upload Component Files	6 Verification progress	Update Entire Range
HOME (\\baros)			Drag and Drop or Choose file to up	pload		
SiusData_config. SIUSLonUtility SNI210 Driver In:		0 of 0 Uploaded	SCA			
Update File game ["Inneccreboard application 2024.1.1 File game ["Inneccreboard application 2024.1.1 Fileg in flash drive with component files ba	Qpen Cancel		Upload (space)	Stop (esd)		
Upload Component Files						



- as soon as all update files are uploaded, confirm the next page with "Next"
- now you can start the update by clicking "Update Range"
- The Update will run automatically

≡	🕱 Range Update	€ ≜ ⊞
(1) (1)	Entire Range Update - Offline Mode	
с С	📀 Start 🔗 Plug in Flash Drive 🤗 Download Inventory File 🤗 Download Component Files 🔗 Upload Component Files 🔗 Verification progress	O Update Entire Range
	Click 'Update Range' and installation will start, or click 'Go To Update Information' to see installation information(Clients and versions to be updated) and then click 'Update'	
	Update Range	

The state of the update is shown in the progress bar on top of the site.

≡	∅ Range Update				θ ≜ ⊞
Ŀ	Status: Running			0 Pause	Abort
*	•				Q Search
<u> </u>	Serial Number	Hostname	Version	Status	Actions
ů	۹	۹	۹		
ଙ	 Installation Order: 1 				
	 Component Name: infrastructurelight 				
	00#269770290	infrastruturelight	2024.1.5	In Progress	Show

Info: The Infrastructure will be updated first, then the other servers and devices follow.

The whole update process can take up to an hour, during this time all devices must stay powered on. During the update process several restarts of the servers and devices are possible.

Clients

List of all devices and servers with their current software version. By clicking on "Details" more details will be displayed if available.

≡	O Ran	ge Update				ໟ ≜ ∷
Ð		C Refresh C Reconnect of	lients		[Q Search
		SERIAL NUMBER	IP ADDRESS	HOSTNAME	COMPONENTS	ACTIONS
		۹	۹	Q	Q	
Ê	 acoust 	icbar (1)				
		44:b4:12:02:43:37	172.20.14.27	acousticbar-lane001-300m	acousticbar.application (2.6.19)	Details
୯	 athlete 	monitor (1)				
		44:b4:12:03:29:7d	172.20.14.25	athletemonitor-lane001	athletemonitor.application (2024.1.5) limani-browser (3.1.3)	Details
	👻 bd95 (1)				
	•	44:b4:12:03:11:5e	172.20.14.26	bd95-lane001	bd95.application (2024.1.5) limani-browser (3.1.3)	Details
	 infrast 	ructure (1)				
		00-04-b9-68-61-16	172 20 10 17	infractructure	infractructure (2027, 1.5)	Dotaile

Store

Software packages that have been installed in the current version are stored here. Software packages can be manually uploaded to the store and then installed individually.

Installation Jobs

List of current and previous installations. Old Installation Jobs can be deleted.

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Resource Server

Packages

Here various packages can be created, imported or exported. A package is a collection of various components, such as Users, Exercise Definitions, Organizations, etc.

Create Packages

To create a new package, change to the tab "Create package". Select all components you want to have in your package like Users, Exercise Definitions, etc for later usage.

■	Ľ	Resour	ce Server			⊖ ≜ ⊞
Ê		Packages			Create package	ĺ
•			eate package Flag Image Files User Groups U	ser Classes Organizations Countries Users Exer	rcise Definitions Favorite	Exercises Resource to Resource 🕨
(11		Id	Name		Package Name
₩			٩	٩		۹
			ebef9d8f-697a-aa5a-6dc8-480baa864768	25m Centerfire Pistol Rapid Stage (corrected)		
			2bc7de9d-d8f5-27c4-add8-192b53b4ad92	25m rapidfire		mypackage
۲		~	83a16acc-ea11-245c-ea89-d6c2c983924e	2x20 Test		
~			de3aa7ab-7d96-b378-57b8-d02a7aa8e893	300m 3A 3B		
۲			1a1e04ba-217a-2813-3aa3-5bc8e137da13	3p-selfmade		
e		✓	65932caa-37d7-224c-33f1-79f1e5c51423	3ptest ISSF		
6			dac6b703-c52e-8542-0224-b6ea29a7d332	50m 10 Shots		mypackage
			46ee49dc-2540-bac9-82b7-e31ea22ef8a6	50m 10 Shots SUI KKA Scheibe		

After selecting all wanted components, press the button "Create package".

In the appaering window, the name of the package and the version has to be filled in before creating it.

		â	
	Package Name	my package	
	Package Version	1.0	
2	Description		
		Create and land	
		Create package	

If the package is named and a version is set, press the button "Create package" again. The package will be downloaded automatically within a few seconds. The file format of the package is a zip file.

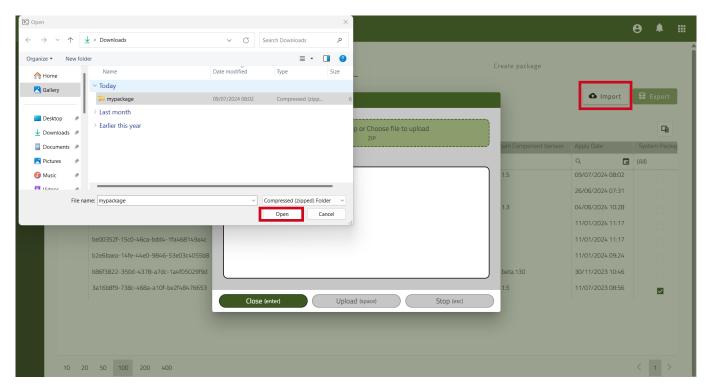


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Import Packages

To import a package, press the button "Import".

In the following window you can choose the wanted package by clicking once on "Drag and Drop or Choose file to upload" and then search the zip file (package) in your file system.



Export Packages

To export a package select the ones you want in the list and press export. The packages will be downloaded as zip files.

≣	🗋 Resour	rce Server					θ	. :
		Package	5		Cre	ate package		
Ê		- acrage	<i></i>	-	50.1 G	are package		
2,	Packag	jes				•	Import 8 E	xport
Ŧ								_
								G
⊕		Id	Name	Version	Description	Minimum Component Version	Apply Date	Syster
		Q	Q	۹	۹	۹	۹ 🖬	(AII)
		2feb37e0-b220-48fc-8bdc-2e75549f8173	Gemeindewappen Zweisimmen und Umgebung	1.0.0	Gemeindewappen Zweisimm	2024.1.0	07/10/2024 09:01	
٢		f076713d-a47b-4455-a786-df72127a9174	mypackage	1.0		2024.1.5	09/07/2024 08:02	
۲		5f983be1-4f8a-48d8-b6ac-106c5016a952	Test Schützenfest Gruppenstich	1	Probeschüsse, KKA10, 4xEinz	3.3.4	26/06/2024 07:31	
		063bd22b-7608-473d-9a5a-991980502f33	25m centerfire rapid stage	1		2024.1.3	04/06/2024 10:28	
Θ		f2c9459b-096f-42b7-9c7b-316660d348a2	users2	2		3.3.1	11/01/2024 11:17	

Range Cockpit manual

Exercises

In the Exercise Definitions a list of all exercises of the range can be found.

The exercises can be activated or deactivated.

Only active exercises can be selected at the lanes or used for "Favorite Exercises".

Exercises Editor

To create an own exercise, change to the "Exercise Editor".

Start the wizard and follow the indicated steps.

Its possible to use an already existing active exercise as a template or you can create a completly new exercise. More explanation can be found during the creating process within the "Exercise Editor".

≡	C Resource Server		€ ≜ ⊞
—	Exercise Definitions Exercise Editor Favorite Exercises Exercise Packa	ige	
	Start	Exercise Creator	
2,			
Ŧ	Exercise wizard is a tool to create your own exercise definitions and rules.		
()	Follow all steps provided by wizard and create your own exercise rules.		
•			
۲			
۲	Start Wizard		

Favorite Exercises

Favorite Exercises can be used to define which exercises are available for selection on the athlete monitors. Different sets of Favorite Exercises can be defined depending on the organization of the users.

A set of Favorite Exercises can be created by clicking on "+ Add set".

Name the new set and save it, then at least one group (up to five) has to be added to this new set. In the groups, active exercises can be added.

ı ۲	Resource Server e		L 🏢
Exe	rrcise Definitions Exercise Editor Favorite Exercises Exercise Package		
		standar	i set
	+ Add set 2 Refresh	earch	
	Name * Range Standard	- 6	+ 🖍 🗊
	▼ mγ tab 1		+ 🖍 🖬
		_	+/) +/)
8	▼ my tab 2		+ 🖊 🖬
-	Feldschiessen OP Bundesprogramm		+ / ō + / ō
	300m Rifle 3x20		+ 🖍 🖬
8	▼ my Set		+/Ì
	Probe B4		+ / 🖸
	Exe Each "Ran :: :: :: :: :: :: :: :: :: :: :: :: ::	Exercise Definitions Exercise Editor Favorite Exercises Exercise Package Each Favorite Exercise Set can contain a maximum or 5 Groups of Exercises. Each Group can contain an unlimited number of Exercises. Use drag & drop functionality to change the order of the Groups and Exercises. Note that the ender of the Groups and Exercises. # Name # Range Standard # # # Feldschiessen # # # # # # OP Bundesprogramm #	Exercise Definitions Exercise Editor Favorite Exercises Exercise Package Each Favorite Exercise Set can contain a maximum of 5 Groups of Exercises. Each Group can contain an unlimited number of Exercises. Use drag & drop functionality to change the order of the Groups and Exercises. Note that the standard is always available and can not be deleted.

To use your own set of Favorite Exercises, they need to be mapped with the concerning organization in the "User" section of the Resource Server.

Exercise Packages

Exercise Packages with several exercises can be created here. These exercise packages can be used with the "Competitions" in the Watchtower.

Press "+ Add" and name the new Exercise Package. With "Proceed" the exercise package is created.

	C Resource Server	e	•	
	Exercise Definitions Exercise Editor Favorite Exercises Exercise Package			
Ê	+ Add			
	Name			
	Enter Package Name			
	Name			
	Proceed	Cancel		
	Proceed			

To assign new exercises to the exercise package, press the plus button on the right-hand side of the screen. Select the desired exercise and define the number of possible repetitions.

This process must be repeated for each exercise individually.

			θ	٤	
	Exercise De	Exercises			
••••••••••••••••••••••••••••••••••••••	Name	Count 3		-	i أ
Ŧ	mypackaj	Exercise Name	Ľ		
		Q. 300m Rifle 2x30			
(300m Rifle 3x20			
		Abnahme Schweiz			
۲		Feldschiessen Feldstich			
¥.		Frei A10			
۲		Frei A100			
œ		Frei A5 Frei B4			
		My Exercise			
		Nachdoppel			
		OP Bundesprogramm			
		Probe A10			
		Probe A100			
		Select Exercise Close 1 2			

Once all exercises have been added, the exercise package can be opened and an overview is visible.

■	Carl Resource Server	e	•	
—	Exercise Definitions Exercise Editor Favorite Exercises Exercise Package			
	+ Add			
	Name	Count	Actions	5
	* mypackage		+/	2
	My Exercise	5	×	
三日	300m Rifle 2x30	3	×	
~				

Range Cockpit manual

Users

List of users that have been created on the range. Users can be created, edited, exported or deleted.

To create a user, press on the +-button and start fill in the needed information in the table (like in an excel file). The mandatory fields (ID, Name, First Name, Organization) are framed in red, if something is missing.

P F	Resource Serve	er									9	۵
	Users	Organizations	User Classes	User Groups	User Pictures							
+	Delete	Clear filters	→ Import →	Import Under Organization	Export							
	Id	Name	First Name	Display Name	Date of birth	Age	Gender	Organization	Country	User Class	User Group	Actio
	۹	م	۹				(AII) 👻	(AII) 👻	(AII) -	(All)	- (AII)	
	111111	Test										
	2	Smith	Bob	5MITT 800				Legacy	United States (USA)			
	1	Johnson	Tony	JOHNSON Tony				Legacy	United States (USA)			$\overline{\boxtimes}$
	654321	DOE	Jane	DOE Jane				my club	Switzerland (SUI)			Σ
	123456	Muster	Max	MUSTER Max				my club	Switzerland (SUI)			Î

Organizations

Also custom Organization can be created. The approach is the same as creating a new user, press the +-button and fill in the desired name. An Organization can be mapped with a Set of Favorite Exercises. To do so, click on the Folder at the end of the concerning row. If no set of Favorit Exercises is mapped, all active exercises are available for selection at the athlete monitors.

≡	🗋 Reso	urce Server					⊖ ≜ ⊞
	Us	ers Organizations	User Classes	User Groups L	ser Pictures		
Ê	+ -	→ Import Export					뎹
		Name			Package Name	Favourite Exercise Set	Actions
2		٩			٩	(AII)	· · ·
Ŧ							E2
⊕		my club			mypackage	my Set	× *
₩		Lane Users Organization			ResourceserverStockPackage-2024.2.0-beta.99	Range Standard	⊠ ★
.		Legacy			ResourceserverStockPackage-2024.2.0-beta.99	Range Standard	⊠ ★
~		Cloud User Legacy Compatible			Package	Range Standard	
۲							
۲							
Θ							

Range Cockpit manual

Userfilter

Userfilters can be used for the "Competitions" function in the Watchtower.

After creation (click on the + button), filters can be set as desired.

For example, all users of the "my club" organization.

By clicking on the "Select athlete" icon, all users affected by the filter can be displayed.

														θ	۰	
—	+															
Ê	Name															
	myUserfilter									my club 🗙					Ē	9
Ŧ		Benutzer														
			Export										G			
. 🖻			ld	Paketname	Name	Vorname	Anzeigename	Geburtsdatu	Alter	Geschlecht	Organisation	Land	Benutzer-Klasse			
		r	Q 123456 654321	Q, mypackage	Q Muster DOE	Q, Max Jane	MUSTER Max DOE Jane				Q my club my club	Q. Switzerland Switzerland				
		10	20 50	100 200	400								< 1 >			
								Sch	iliessen	\supset						

Countries

List of nations.

Customized nations can be added by clicking on the +-button.

Add the name, ISO code and IOC code to the newly added row.

■	🗋 Resource Se	rver			θ	Ļ	
(+ → Impor	t Export					G
Ê	Flag icon	Name	ISO Code	IOC Code	Package Name	Action	S
		۹	۹	Q	a		
2,	•	my Country		1		×	
_	-	Cocos (K.) Islands	ССК	ССК	ResourceserverStockPackage-2024.2.0-beta.99		
Ŧ	- Я≮ џ	Cocos (K.) Islands Bermuda	сск вми	CCK BER	ResourceserverStockPackage-2024.2.0-beta.99 ResourceserverStockPackage-2024.2.0-beta.99	x x	
÷	-						•

Flag Images

List of several flags.

To add a custom flag, you have to import a new flag with a package or write an e-mail to the SIUS-support with the desired flag.

Target Definitions

List of available target images with their scoringmethods.

Weapons

List of various weapons. The list can be extended by importing packages.

Mappings

Various relationships are displayed here.



Sensor Data Analysis

Data of specific optical targets can be analysed here. Choose the desired target in the dropdown list to show its data.

	𝒫 [∽] Sensor Data Analysis	θ 🗍	
⊙ ⊙	Available Active Configurations: 44;b4;12:03:04;02 Created: 2023-03-28T10:14:00.177276+00:00 Last Update: 2023-03-28T10:26;49:206755+00:00	Reload See All Adjustment Values from Active Configuration	Í
	Adjustment Values	Sensor Quality Transmitters	
	Show Dots: 🗆	Adjustment Values	
	255 240 255 210 195 150 155 150 155 155 155 155 155 155 15	 DS0_Threshold DS1_Threshold DS1_Threshold DS1_Threshold DS1_Threshold DS1_Threshold DS1_BlackV_Tr3 DS1_BlackV_Tr4 DS1_BlackV_Tr4 DS1_BlackV_Tr2 	

There are several possibilities to analize the data, Adjustment Values, Sensor Quality and Transmitters. The different data are organized in different tabs.

As an option the various data can be downloaded and saved as PDF or pictures, by clicking the hamburger menu button on the right.

Range Cockpit manual

STYX Service

STYX Tree

The STYX Tree shows the topology of the connected STYX devices.

By rightclicking on a selected device, it's possible to power off or power on a device (or several, when multiple are selected).

A cable tester can be executed.

🕸 Styx Service							⊖ ≜ :	
Scan Run C	able Tester 🔻			0			[4
MAC	Port	TYPE	VCT HOSTNAM	1E	IP ADDRESS	ORGANIZATION NAME	TOPOLOGY ID	
Q	Q	(All) -	Q		Q	(All)	• Q	
* <u>44:b4:12:02:21:21</u>	-	→←				SIUS AG		
44:b4:12:02:43:37	CH1	• •	acousticb	ar-lane001-300m	172.20.14.27	SIUS AG	1	
44:b4:12:03:29:7d	CH2	•	athletern	nitor-lane001	172.20.14.25	SIUS AG	2	
44:b4:12:03:11:5e	CH3	•	bd95-lan	2001	172.20.14.26	SIUS AG	3	
★ 44:b4:12:02:06:d7	OUT	● →				SIUS AG	0	
98:e7:43:09:19:9d	CH3	• ?	Joelle-ST	X	172.20.14.29		o3	
00:0d:b9:56:bc:a0	CH4	• 🗄	themelia		172.20.10.139	PC Engines GmbH	04	
00.0d-b0./.b.df///	CHE	<u> </u>	kanonus		172 20 10 19	DC Engines CmbH		

Network Connectors

List of all used network connectors.

By clicking on the Details-Button more details about the connectors are listed. The power output of single channels of a connector can be deactivated or activated.

≡	🔅 Styx Servic	e						θ 🖡	
Þ	Scan Topology ID	Scan						Q Search	
	MAC	BOARD REV	BOARD TYPE	DEVICE REV	DEVICE TYPE	FIRMWARE	TOPOLOGY ID		ACTIONS
	۹	۹	۹	Q	Q	٩	Q		
	44:b4:12:02:06:d7	2	STYXS001	2	SNC02	FW V1.5.3	0		02
	44:b4:12:02:21:21	3	STYXS001	4	SNC02	FW V1.5.3			0 C

≡	ϔ Styx Service														8	٤	
	MAG	()	Port		Power	Status	Link	Speed	Phy	Port	InGoodOctetsLow	InGoodOctetsHigh	InBadOctets	InUnicasts	InBroadcasts	InMulti	casts
<u>N</u>	MAC BOARD REV	44:b4:12:02:21:21 3	IN			Good	Up	1000M Full duplex	Yes								
S	BOARD TYPE	STYXS001	CH1	•	~	Good	Up	100M Full duplex	Yes								
	DEVICE REV	4	CH2		\checkmark	Good	Up	100M Full duplex	Yes								
	DEVICE TYPE	SNC02	СНЗ	٠	\checkmark	Good	Up	100M Full duplex	Yes								
	FIRMWARE TOPOLOGY ID	FW V1.5.3	CH4		\checkmark	Good	Down		Yes								
			CH5	٠	\checkmark	Good	Down		Yes								
	All networ	rk connectors	OUT		\checkmark	Good	Up	1000M Full duplex	Yes								
	E	kport															
	R	eload															
	Reset	counters															
		Counters															

Watchtower

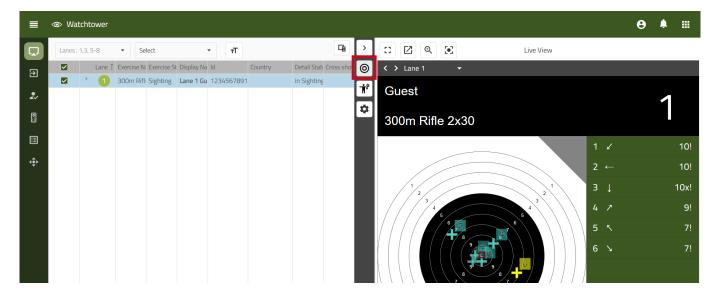
Range Control

Overview and control of the range. Various settings for exercise control.

Live View

In the Live View the target is displayed like on the athlete monitor.

Are several lanes selected, it is possible to switch between the views. Only one lane can be showed.



Exercise Control

In the section "Exercise Control" some actions can be done (they can vary depending on the exercise). If more than one lane is selected, the actions are done for all selected lanes.



Range Cockpit manual

Exercise Controller Settings

In the "Exercise Controller Settings" various settings can be set (e.g. Log out duration)

- Predefined: predefined exercises/weapons can be set
- Simulation And Testing: activate demomode for testing
- Exercise Control: settings about remote controlled monitors and eneabled shotsensors
- Login/Log Out: various settings for login possibilities and log out times

All these settings can always be reset to default.

≡	∞ Wat	tchtov	wer											8	Ļ	
	Lanes :	1,3, 5-	8	▼ Selec	:t		- т			đ	>	•	Exercise Controllers Settings			
€		l	Lane 1	Exercise Na Es	xercise St	Display Na	Id	Country	Detail Stati	Cross shot	0	Predefined				~
ك		•	1	300m Rifle Si	ighting	Lane 1 Gu	123456789	1	In Sighting		÷	Simulation And Testing				~
2.												Exercise Control				~
											\$	Login /Log Out				~
⊞													Apply Changes Reset To Default			
•																

Assign

Assignment of exercises, users and lanes.

Several options for assignment, like direct assignment, assignment list or flexible assignment list.

Direct Assignment

To assign an athlete or a guest to a lane you have to be in the "Assign" section.

- Select the lane you want. Lanes can be selected manually or by using the dropdown menu "Select".
- Press the button "Select Guest" or "Select Athlete" to occupy the lane.
- If several lanes are selected, "Select Athlete" is not available. A user can only be assigned once.
- After assigning the Users select the desired exercise by pressing "Select Exercise".
- When the users have finished with shooting, they can be logged out (button "Log out Athletes").

≡	Watchtower					⊖ ≜ ⊞
Ç.	Direct Assignment Assignment List Flexit	ole Assignment List				
Ð	Lanes : 1,3, 5-8 - Select	- тī			G	Log out Athletes
•	Lane † Exercise Name	Exercise State	Display Name	ld Country		Select Guest
	☑	Sighting	Lane 1 Guest	1234567891	[→ ± 🖽 🖽	Select Athlete
	—					Select Exercise
⊞						
ŵ						

Assignment List

There are three different ways to create an Assignment List:

- Manually directly in the Range Cockpit by pressing the +-button. After the List is created, each User has to be assigned individually. (Also via a + button within the list)
- Import a csv-file (an example file can be downloaded and edited)
- Create an Assignment List with SIUS Rank (Link)
 If SIUSRank is connected correctly with the STYX nerwork, an Assignment List can be created by clicking on
 "Prepare Watchtower Assignment List". Some seconds later, in the Range Cockpit Watchtower- Assign a new
 Assignment List is created (signed with a padlock).

To work with an Assignment List, open the list by doubleclicking, or click on symbol with the pencil in the center.

≡	The Watchtower				ໟ ≜ ≋	
Ţ,	Direct Assignment Assignment List Flexible Assignment List					
Ð	+ Add 1 Import E Example				G	
•	List Name	Distance	Created date	Date Modified	Actions	
₽⁄	٩		Q	Q,	_	
.	myList		5.11.2024, 10:55:35 🕕	5.11.2024, 10:55:35 🚺	1 = 1	Т
	R3PM: 50m RIFLE 3 POSITIONS MEN Qualification		5.11.2024, 10:54:02 🕕	5.11.2024, 10:54:02 🕕	1=, 🖻	
<u></u>	TestList		5.11.2024, 07:51:33 🚺	5.11.2024, 07:51:33 🚺	1 = 1	Т
¢\$>						

In the newly opened window all lanes of the Assignment List with the related users and exercises are displayed. To assign all the users and exercises to the arccording lanes press the button "Assign by List". You can edit an Assignment List, e.g, change a user or change the lane (in case of malfunction).

■	∞ Wa	tchto	wer								e) 🦸	? ∷
L	Direct	Assignr	nent Assignment List Flexible Assignment List										
Ð	💼 AF	RMT: 10	Om AIR RIFLE MIXED TEAM Qualification Relay 2 Lanes : 1,3, 5	Show All	Lanes	. •							
			Assignment List					Range					
₿	Lane	t	Athletes	Exercise	1	Athletes	Exercise	Exercise State		Information			
⊞			Q	Q		Q	Q	۹					
	1	+							₿Ŀ				
¢\$>	2	+											
	3	+							₿Đ				
	4	-	BLAZICKOVA Veronika	10m Luftgewehr 30 Schuss	=]				_ ₿ ⊳				
	5	-	PRIVRATSKY Jiri	10m Luftgewehr 30 Schuss	=				₿ D				
	6	+							₿ŀ				
	7	-	DUESTAD Jeanette Hegg	10m Luftgewehr 30 Schuss	=				₿ 🖻				
	8	-	HEGG Jon-Hermann	10m Luftgewehr 30 Schuss	=				2 🖻				
	9	+							₿₽				
	10	-	KEUM Jihyeon	10m Luftgewehr 30 Schuss	=				2 🖻				
	11	-	PARK Hajun	10m Luftgewehr 30 Schuss	=				₽ 🕞				
	12	+							B⊳				_
								Cancel		Save	Assi	gn by List	

Range Cockpit manual

Flexible Assignment List

With Flexible Assignment Lists it is possible to define how many times a user can shoot a specific exercise. Mainly this functionality is designed for use with external programms, but it's also possible to create a Flexible Assignment List manually.

- To create a new Flexible Assignment List press "+ Add".
- Name the event and define the used lanes (e.g. 1-5).

								e	•	
Ģ	Direct Assignment As	signment List Flexible A	Assignment List							
Ξ	+ Add									G
2,	List Name									
				Name *	Test					
				Lanes *	1-5					
				Create		Close				

- To add users, open the according Flexible Assignment List and add users by pressing the +-button.
- Then select the desired user (each user has to be added separarely, multiple selection is not possible)

≡	Watchtower						8	Ļ	
	Direct Assignment A Test (Lanes: 1-5. Total : 5)	ssignment List Flexible Assignment List							
•	Id Q	Athletes Q	i18n.Generic.Nation	Lane †	Exercise	Exercise State			
	 123456 654321 	Muster Max (my club) DOE Jane (my club)	SUI		~	~			[→ [→
¢.	» 1	Johnson Tony (Legacy)	USA					×	[→



Range Cockpit manual

- To add exercises expand the accoring user and press the +-button within the expanded area.
- Select the exercise and define the possible count of repetitions

■				θ	¢	
C) Đ	Direct Assign Test (Lanes:	Arelanon auk 1 let - Frinklin Bredeneroops blet Exercises				
•	+ Id	Exercises	Exercise Package			
e :::	Q + 123456	Exercise Name †	Description			1 [2]
⊞	÷ 123456	٩	٩			┇ [→
<ê>	E	300m Rifle 2x30 300m Rifle 3x20	300m 300m			
*		Abnahme Schweiz	300m			
		Feldschiessen	300m			
		Feldstich	300m			
		Frei A10	300m			
		Frei A100	300m			
		Frei A5	300m			
	, 654321	-E-10)	1 2			
	, 1		1 2			
		4				
		Select Exercise Cla	ase			
	10 20	50 100 200 400				1 >

A Flexible Assignment List can only be used, if its active.

Open the according Flexible Assignment List to activate the List (the list rests active also when you leave the site). If a Flexible Assignment List is active, the affected lanes cannot be used for regular shooting. As soon as the Flexible Assignment List isn't used anymore, it has to be stopped manually.

≡	٩	Watc	htower							8	۵	
		(Lanes	signment As: :: 1-5. Total : 5)	signment List Flexible Assignment List								
2,		ld		Athletes	i18n.G	eneric.Nation	Lane †	Exercise	Exercise State			
::		Q		Q	Q			Q	Q			
⊞	•	1234	56	Muster Max (my club)	SUI						Ē	3 [→
ŵ			Exercises									
			Name		1	Count	Finis	hed				
			300m Rifle 3x20			2	0			🖻 🕑 🖬		
	•	6543	21	DOE Jane (my club)	SUI						Ē	ā [→
	•	1		Johnson Tony (Legacy)	USA						Ē	3 [→
	10	20	50 100	200 400					Stop	Bac		

Range Cockpit manual

Competitions

Competitions can be created here in which users are allowed to shoot certain exercises multiple times (e.g. prize shooting). These competitions are based on flexible assignment lists.

A new competition is created by clicking on the + button. The name and the used lines must be defined.

≡		Θ		
L.				
€	Name Format			
2	Q Q			
0:::				
⊞	Create New Competition			
4 ₽}	Name* my competition Lanes* 1-5 Proceed	Cancel		

Once the competition has been created, it can be edited by clicking on the Details icon.

■	Watchtower		8	
Ç.	+			
€	Name	Format	Actions	
	٩	Q		
2	my competition	Participation Groups Open Format	0	×

Participation Groups

Before the competition can be activated and used, at least one participation group must be added.

When adding new participation groups, a user filter (must be created previously in the resource server) must be selected and an entry fee specified. The desired exercise packages (must be created in the resource server previously) must also be selected.

Then create the participation group. Several participation groups can be added per competition.

Watchtower				8	₿ ♠	θ 4	₿ ♠	θ 🖡	θ 🖡	θ 🖡	θ 🖡	ໟ ≜	θ 🖡	θ 🖡	ໟ ≜ :	ໟ ≜ ≋	ໟ ≜ ≋	ໟ ≜ ≋
Create Participation Group																		
Name* Gruppe																		
Entry Fee* 10																		
User Filters* myUserfilter																		
Select Exercise Select Exercise Package																		
Name	Count	Repurchase Price	İ	Repurchase Lin	Repurchase Limit													
* mypackage																		×
My Exercise	5	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
300m Rifle 2x30	3	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Create	(Ba	Back	Back	Back	Back	Back									

After creating the participation group, the participants are added to the participation group by clicking on the right symbol. Once they have been added, the number of participants is displayed in brackets behind the user filter.

≣	∞ Wate	chtower					8	Ļ	
Q	Comp	petition Part	icipation Groups Participants	Ranking groups	5				
€	+								
		Name	User Filters	Entry Fee	Exercises	Repurchase Price			
2,		Q	Q	Q				_	
	$\wedge \downarrow$	Gruppe	myUserfilter (4)	10	Package: mypackage	Package: mypackage; 300m Rifle 2x30 - 0 Package: mypackage; My Exercise - 0	Ē	<u>Ê</u>	
⊞									
¢ê>									
	10 20	50 100	200 400				<	1	>
							Back		\supset

Participants

All participants of all participation groups are listed in the Participants tab.

Details of the individual participants can be viewed, so you can check how many repetitions an individual participant still has available, the number of repetitions can be adjusted here for individual users.

If the competition is active, a participant can be assigned to a lane.

■	٢	> Wato	htower									8	<u>۽</u>	
ņ		Comp	etition Participation Groups	Participants Ranking groups										
€		+												G
•		ld	Name	First Name	Display Name	Age	Participation Groups	Lane	Exercise	Exercise State	Credit			
2.		Q	Q	Q			(All) 👻							
	•	6543	21 DOE	Jane	DOE Jane		Gruppe				0	() II ()	Ì 🕱 [->	
_	-	1234	56 Muster	Max	MUSTER Max		Gruppe				-10	8 1	` 🗖 [→	*
		+	Name		Ļ	Total			Open					
·\$.			My Exercise			7			6		Ê	12		
			300m Rifle 2x30			3			3		1	12		
	•	1026	HERNANDEZ	Rodrigo	HERNANDEZ R.		myGroup2				-1	() ()	Ì 🕱 [→	Þ
	•	1989	FIORI	Peter Matthew	FIORI P.		myGroup2				-1	S 🗉 U	` 🕱 [→	*
	1	10 20	50 100 200 400									_	1	>
											\square	Back		\supset

By clicking on the dollar symbol, the paid amount of the participant can be entered. This optional function has no impact on the competition and can be ignored.

Range Cockpit manual

Ranking Groups

The results per exercise can be displayed in the ranking groups (A).

User-defined ranking groups can be created by clicking on the + button (B) (e.g. separate rankings for men and women). User filters are used to filter ranking groups as well.

≡						Ө ≜ ∷
	Watchtower Competition Participation Groups Participants H B Name myGroup2-Ranking Group Wexercise 300m Rifle 2x30	Ranking groups Participation Groups myGroup2 Gruppe	User Filters	Users 52 2 2 2 2	Finished 0 8 4 4	
						Back

Activate Competition

Once all participation groups have been created and the exercises assigned, the competition can be activated. During an active competition, the defined lanes of the competition are blocked for regular shooting.

The competition is activated by clicking on the plug icon.

Once the competition has ended, it must be deactivated manually (click again on the plug symbol) so that the lanes are released for normal shooting again.

≡	0	Watchtower		8	¢	
Ţ	+					
€		Name	Format	Action	5	
		٩	Q.	-	-	
2		my competition	Participation Groups Open Format	•) T	
<u></u>						

If a competition is active, this is indicated by a light bulb symbol in front of the competition. In the Assign section, the lanes that are reserved for the active competition are marked.

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L.	+					
€		Name	Format Q	Action	S	
2	Q	my competition	Participation Groups Open Format	0 1		
n						

Range Cockpit manual

Lane View

In the Lane View user and exercises can be assigned to a specific lane. Multiple assignments for more than one lane is not possible.

- select the lane an press "Start Exercise"
- choose the wanted user (if no user is selected, the Guest User will be logged in)
- switch to "Select Exercise"

Ç.	Lane 1	Start Exe	rcise					
		1 Create U	lser		Г	2 Select Exercise		
2.		User Details						
					C Searc			
		User Id	Name	First Name	Organization	Country		
		Q	Q	۹	Q	٩		
		123456	Muster	Max	my club	CHE		
		654321	DOE	Jane	my club	CHE		
		1026	HERNANDEZ	Rodrigo	ISSF World Cup Munich GER 2024	ARG		
		1989	FIORI	Peter Matthew	ISSF World Cup Munich GER 2024	USA	Save Report	
		1990	KISSELL	Rylan William	ISSF World Cup Munich GER 2024	USA		
		1208	GORSA	Petar	ISSF World Cup Munich GER 2024	HRV		
		1692	LARSEN	Henrik	ISSF World Cup Munich GER 2024	NOR		
		1688	HALVORSEN	Ole Martin	ISSF World Cup Munich GER 2024	NOR		
		1689	HEGG	Jon-Hermann	ISSF World Cup Munich GER 2024	NOR		
		1201	HERNANDEZ SIACHOQUE	Carlos Mario	ISSF World Cup Munich GER 2024	COL		
		1202	LASTRA GONZALEZ	Guido	ISSF World Cup Munich GER 2024	COL		
		1847	DUERR	Christoph	ISSF World Cup Munich GER 2024	СНЕ		
		1060	DIEM	Patrick	ISSF World Cup Munich GER 2024	AUT		
		1065	MAID	Tabias	ISSE World Cup Munich CED 202/			

- select the desired exercise in the dropdown
- and click "Start Exercise"

■	Watchtower			θ	<u>۽</u>	
ņ	Lane 1 👻	Start Exercise				
		Create User	2 Select Exercise			
		Exercise Selector	_			
		Exercise	Select Exercise			
		Start Exercise	Frei A5			
		Start Exercise	Probe A10			
			SGM Übungskehr			
			My Exercise			
			Nachdoppel			
			Feldschiessen	Save R	eport	
			Frei A100			
			300m Rifle 3x20			
			Test keiler			
			Frei B4			
			Probe B4			
			Test 2024.2.beta 86			
			Feldstich			

Range Cockpit manual

Depending on the started exercise different buttons are available on the right side. These three buttons always stay the same:

- Stop User Session: Log out the logged in user and abort the running excercise
- Abort: Stops the running exercise, the user stays logged in
- Save Report: Download the Exercise Report

■	The Watchtower	ໟ ≜ ∷
Ļ	Lane 1 🔹	
€	SUI MUSTER Max	
2,	300m Rifle 3x20	
0:::		
		Stop User Session
€ ₽		Zoom Abort Match Insert Zero Save Report

Results

The reports of the exercises are stored here. They are sorted by user or they can be shown as a list of all results.

Users

To show all the stored results of a user, click on the "Details" button.

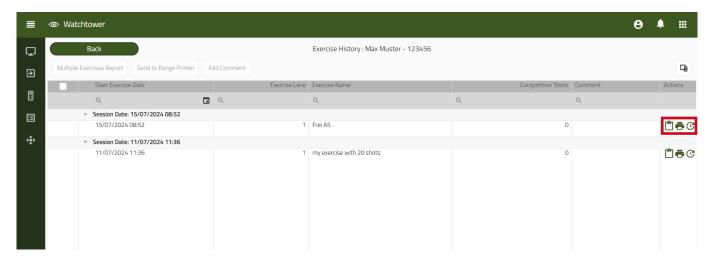
≡	Watchtow	ver					Θ	≜ ⊞	
Ç.	Users	All Exercises							
€									
2,	User Id	Name	First Name	Organization ↓	User Group	User Class	Country	Actions	
ā.	Q	Q	۹	Q			Q		
.	654321	DOE	Jane	my club			CHE	0	
	123456	Muster	Max	my club			CHE	0	
	2	Smith	Bob	Legacy			USA	0	
~ @>	1	Johnson	Tony	Legacy			USA	0	
	1677	GIRLIII IS	Karolis	ISSE World Cun Munich GER 2024			тп	•	

Range Cockpit manual

After clicking on the "Details" button all available results of the user are listed.

The following actions can be executed:

- Report: The report of the exercise opens in an integrated PDF viewer. The file can be downloaded or printed
- Send to Range Printer: The report is sent to the range printer
- Add Comment: Add a specific comment about the exercise report



All Exercises

All exercises of all users (including Guest) are listed in this tab.

The following actions can be executed:

- Report: The report of the exercise opens in an integrated PDF viewer. The file can be downloaded or printed
- Send to Range Printer: The report is sent to the range printer
- Change user: Another user can be assinged to the exercise report (only available with Guest user)
- Add Comment: Add a specific comment about the exercise report

0	> Watc	htower											8	Ļ	
	Use	ers A	II Exercises												
	Multiple	e Exercises Report	Report all Indi	vidual Send to Ra	nge Printer A	dd Comment									
		Name	First Name	Organization		Lane	Exercise Name		Competition Shots	Exercise Date		Comment		Actions	
		Q	Q	Q		Q	Q	Q		Q		Q			
10		 Muster 	Max	my club		1	300m Rifle 3x20		0	06/11/2024	08:28			Û.	
		Muster	Max	my club		1	300m Rifle 3x20		0	06/11/2024	08:22			Ûð	
		Muster	Max	my club		1	Feldschiessen		0	05/11/2024	11:40			Ûð	
		- Guest	Lane 1	, Lane Users Organ	ization	1	300m Rifle 2x30			05/11/2024				ÛÐ	
-									-						
		Shot Number		Score		Time				↓ Coor	dinates		Status		i.
	Ê	 Prone 													T
	~	 Sighting Sh 	nots												
		8			10! 🚺				11/5/2024, 10:30:08	AM 🕕		29.71/0.98	(!)		
		7			9! 🚺				11/5/2024, 10:30:07	AM 🕕		-57.23/40.84	()		
		6			8! 🚺)			11/5/2024, 10:30:07	AM 🕕		131.24/-78.07	(!)		
		5			10! 🚺)			11/5/2024, 10:30:07	AM 🚺		36.72/12.04	()		
		4			8! 🚺)			11/5/2024, 10:30:06	AM 🚺		29.06/-150.22	()		
		3			10! 🚺	1			11/5/2024, 10:30:05	AM 🚺		37.91/38.04	()		
		2			9! 🚺)			11/5/2024, 10:30:05	AM 🕕		-93.98/35.43	()		
		1			9! 🚺)			11/5/2024, 10:30:05	AM 🕕		-77.05/-1.77	()		
		 Competitio 	on Shots												
		Kneeling													



Range Cockpit manual

Maintenance

Exercise data (Results) can be deleted here.

The storage period for exercises and results data can be set to a maximum of one year.

■	The Watchtower	8	۵	
Ç,	Maintenance User Sessions			
€	Database for previous Results and Exercise Data			
2.	Database size: 8 MB			
0:::	Automatically delete Exercises and Result Data			
≣	Automatically delete data that is older than one: Week			
¢	Save			
	Manually delete Exercises and Result Data			
	Select 'older than date':			
	11/6/2024			
	Cleanup			

A user can be forced to log out in the User Sessions tab.