AMPHINICY TECHNOLOGIES

23. hroug godišnja konferencija

Software that understands the satellite industry.

Document1 - Microsoft Word
File Edit View Insert Format Tools Table Window Help
Type a question for help
Normal + Unde
Times New Roman
12
New Frame Left
New Frame Right
New Frame Above
Final Showing Markup
Show
Insert Shape
Layout
Select
100%
Security...
All Entries
Greeting... Opening... Closing...
Body text
Update TOC
Favorites
Go
Document1
New Document
AutoShapes
F1 Help
F2 Move Text
F5 Go To...
F6 Other Pane
F7 Spelling and...
F8 Size
F9 Update Field
F10 Menu Mode
Page 1 Sec 1 1/1 At 2.5cm Ln 1 Col 1
English (U.S
start
Monday

AMPHINICY TECHNOLOGIES

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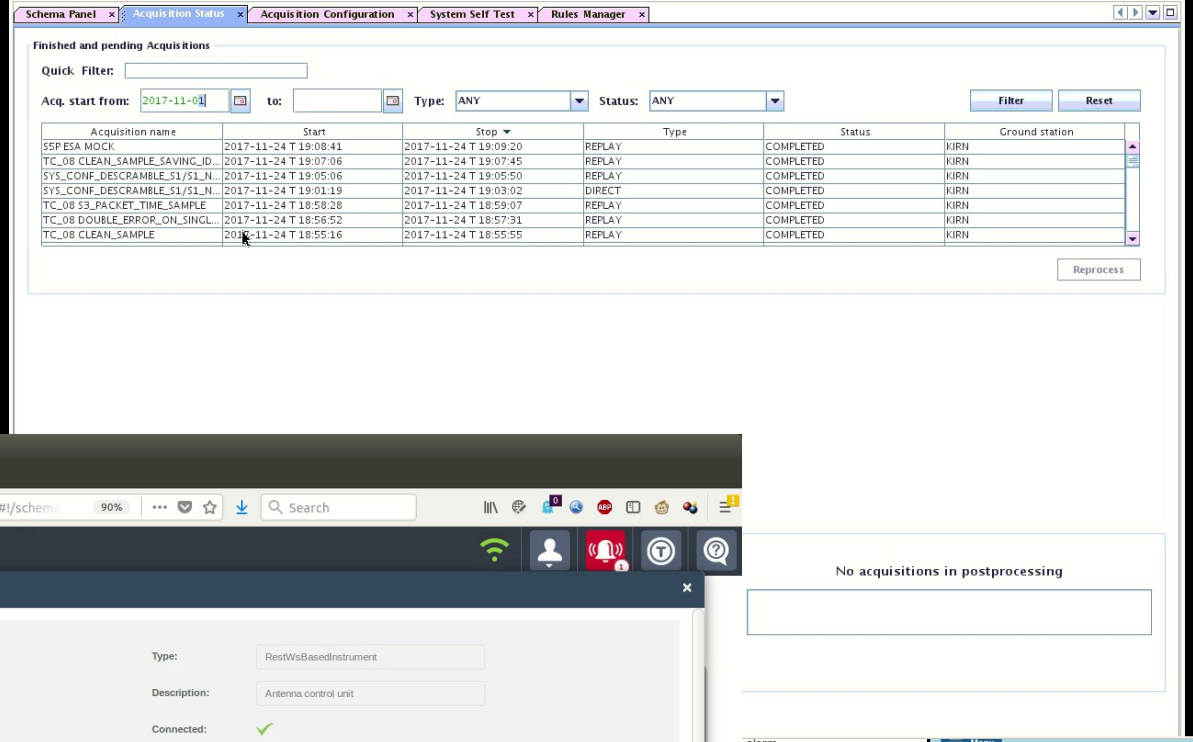
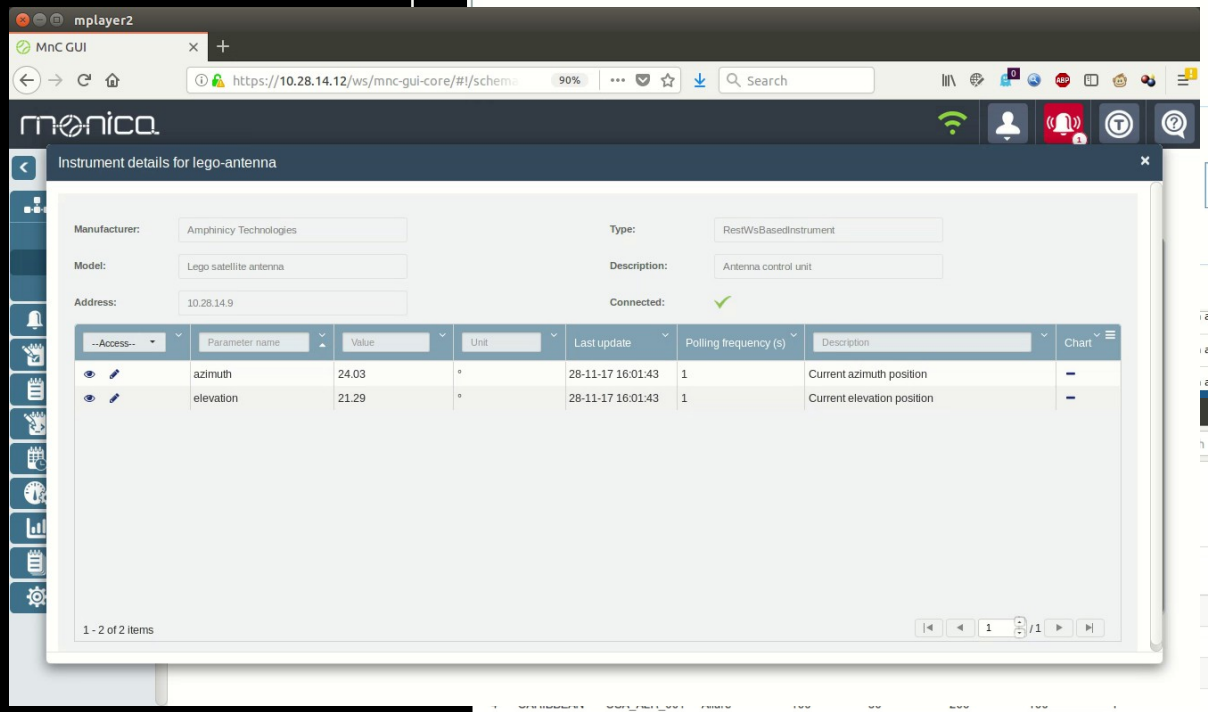
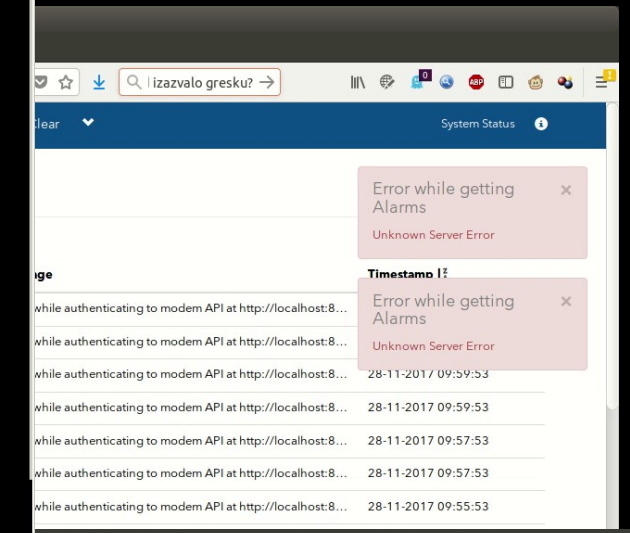
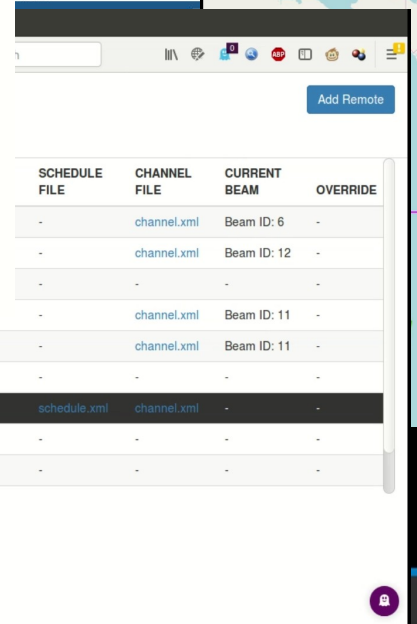
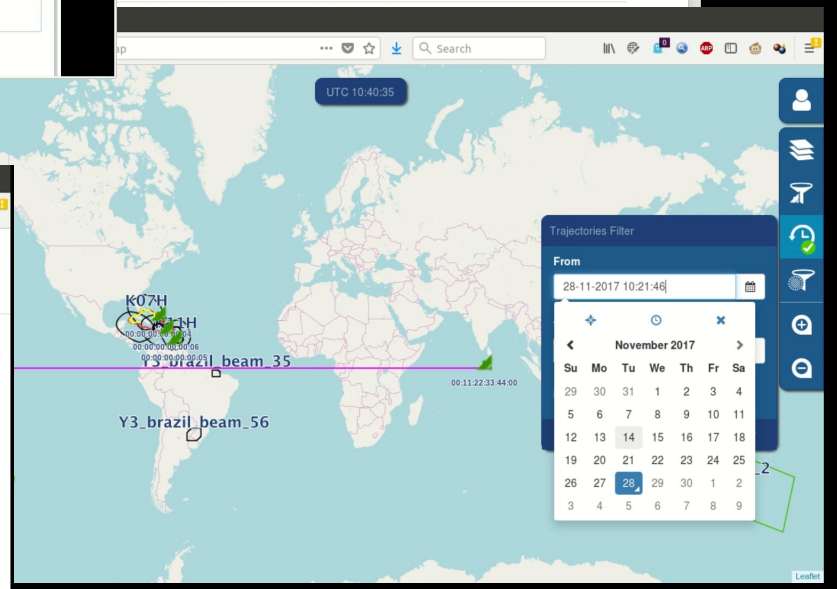










Intention vs. Accident

Verification Configuration

Verification Configuration not saved ×

Unknown Server Error

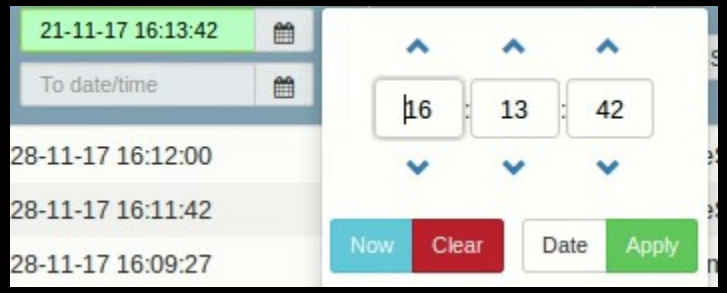
Create new Verification Configuration

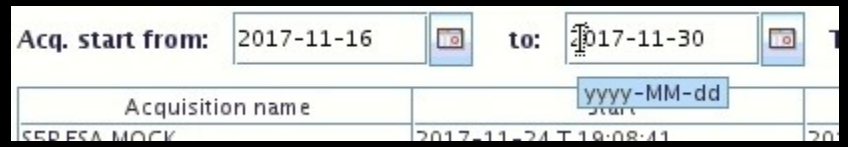
Name: special characters: ~!@#$%^&(*}{)(*&^%$#

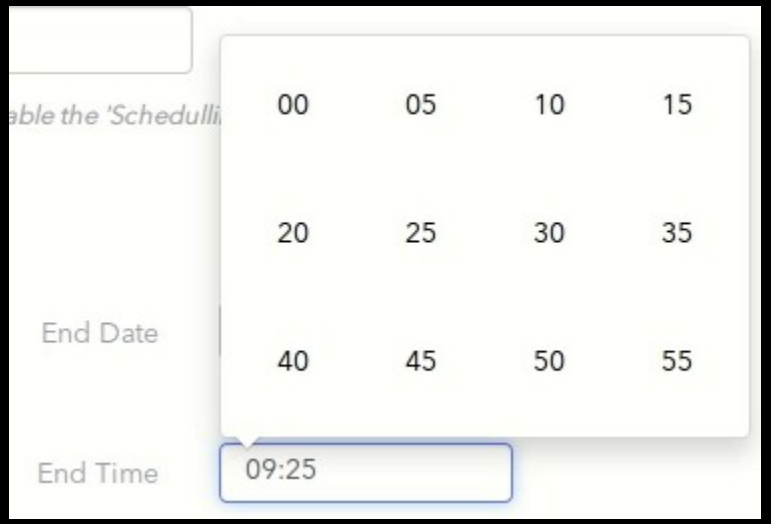
- [x] Measure XPD
- [x] Measure C/N0
- [x] Measure Es/N0
- [ ] Measurement Only
- [ ] Use SatNet Calculator
- [ ] Change Certification State
- [ ] Use Nearby Terminals

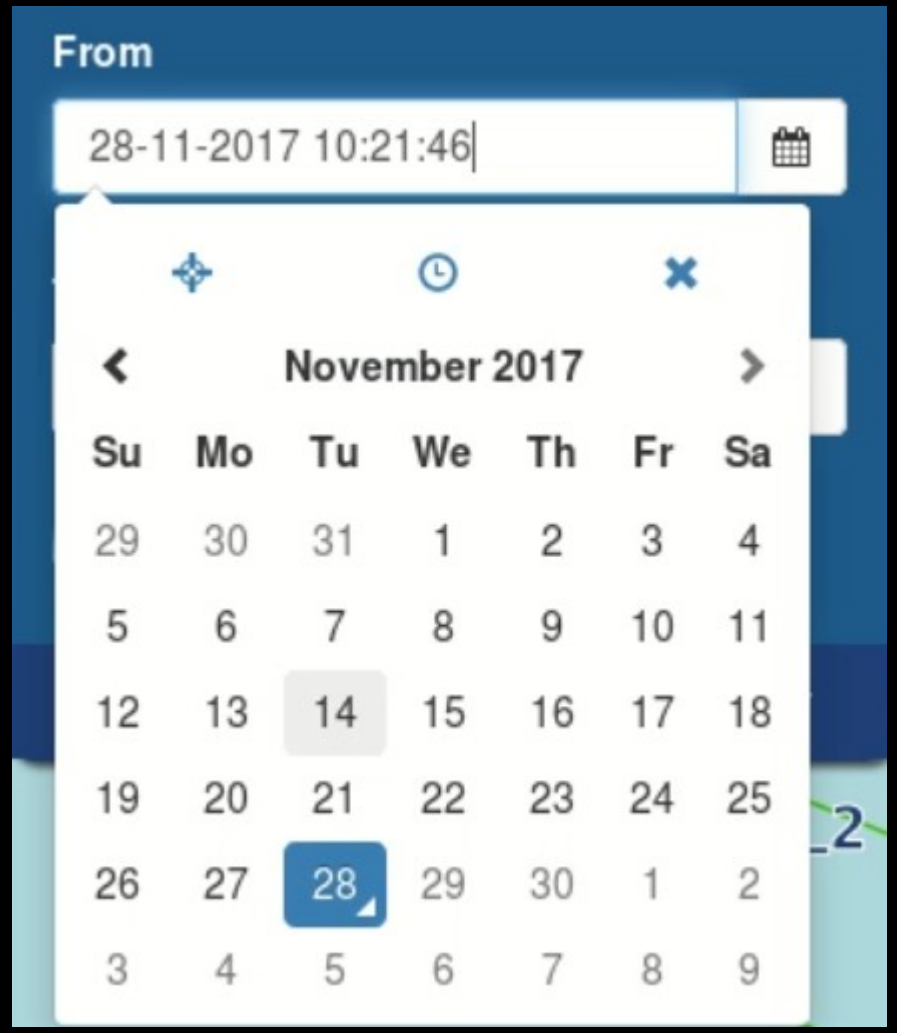
✖ Discard ✔ Apply

Date and Time


21-11-17 16:13:42
To date/time
28-11-17 16:12:00
28-11-17 16:11:42
28-11-17 16:09:27
16
13
42
Now
Clear
Date
Apply


Acq. start from:
2017-11-16
to:
2017-11-30
yyyy-MM-dd
Acquisition name


00
05
10
15
20
25
30
35
40
45
50
55
End Date
End Time
09:25


From
28-11-2017 10:21:46
November 2017
Su Mo Tu We Th Fr Sa
29 30 31 1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 1 2
3 4 5 6 7 8 9

Master views, a.k.a. tables

Acquisition name	Start (yyyy-MM-dd)	Stop	Type	Status	Ground station
S5P ESA MOCK	2017-11-24 T 19:08:41	2017-11-24 T 19:09:20	REPLAY	COMPLETED	KIRN
TC_08 CLEAN_SAMPLE_SAVING_ID...	2017-11-24 T 19:07:06	2017-11-24 T 19:07:45	REPLAY	COMPLETED	KIRN
SYS_CONF_DESCRAMBLE_S1/S1_N...	2017-11-24 T 19:05:06	2017-11-24 T 19:05:50	REPLAY	COMPLETED	KIRN

ooo	vno-1	Aborted	hrcmxdma-tb	Immediate individual	17-10-2017 07:42:17
Not Nearby 1	vno-1	Aborted	hrcmxdma-tb	Immediate individual	26-09-2017 14:15:38
Nearby4	vno-1	Scheduled	hrcmxdma-tb	Recurring invidivudal	26-09-2017 14:15:16

REMOTE ID	SITE ID	BEAM ID	REGION	TRANSPONDER	START	END
1	USA_IND_001	-	-	-	-	-
2	USA_OAS_001	-	-	-	-	-
3	USA_FRE_001	-	-	-	-	-

--Access--	Parameter name	Value	Unit	Last update	Polling frequency (s)	Description	Chart
	azimuth	24.03	°	28-11-17 16:01:43	1	Current azimuth position	
	elevation	21.29	°	28-11-17 16:01:43	1	Current elevation position	

Beam ID	Description	Last sync time	Uplink Contour File	Downlink Contour File	Cost	Actions
Beam_1		28-11-2017 09:18:57			4432	
Beam_2		28-11-2017 09:18:57	guyC.gxt	guyC.gxt	3214	
Beam_3		28-11-2017 09:18:57	guyC.gxt	guyC.gxt	432	

Search

Beam ID: Search Description: Search Search Clear

Beam ID	Description	Last sync time	Uplink Contour File	Downlink Contour File	Cost	Actions
Beam_1		28-11-2017 09:18:57			4432	

--Access--	Parameter name	Value	Unit	Last update	Polling frequency (s)	Description	Chart
	azimuth	24.03	°	28-11-17 16:01:43	1	Current azimuth position	

Menu | Any Validation | Any Domain | Terminal | Search | Clear | System Status

ooo	vno-1	Aborted	hrcmxdma-tb	Immediate individual	17-10-2017 07:42:17

Quick Filter: r

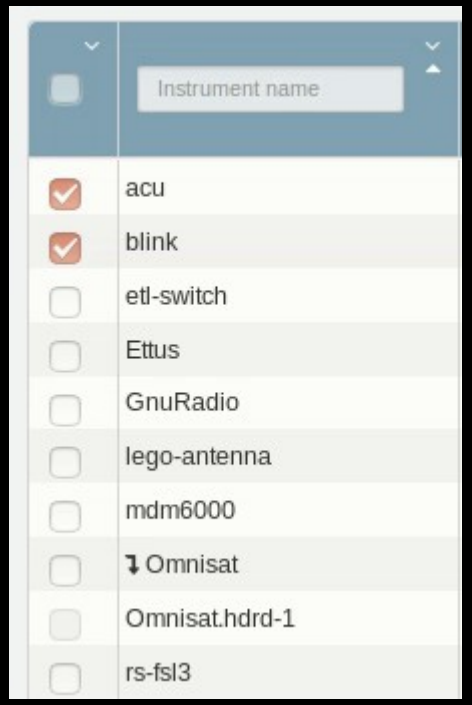
Acq. start from: 2017-11-16 to: 2017-11-30 Type: ANY Status: ANY Filter Reset

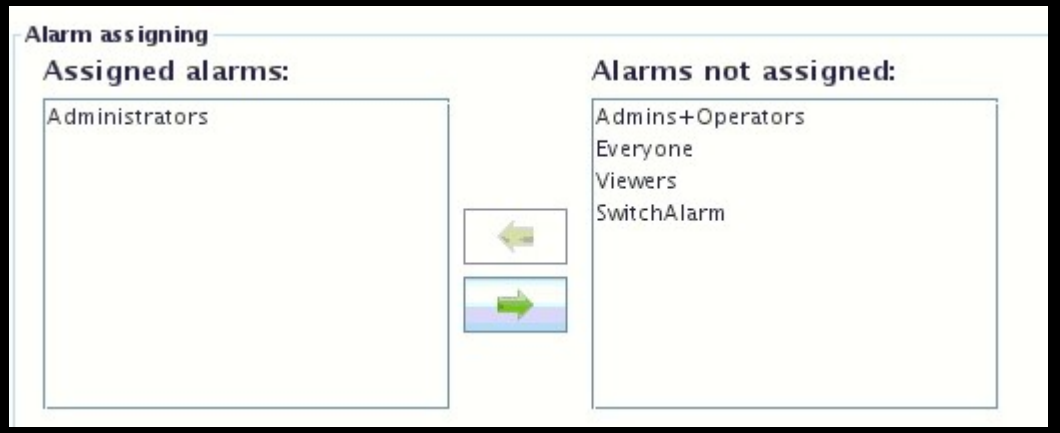
yyyy-MM-dd

Acquisition name	Start	Stop	Type	Status	Ground station
S5P ESA MOCK	2017-11-24 T 19:08:41	2017-11-24 T 19:09:20	REPLAY	COMPLETED	KIRN
TC_08 CLEAN_SAMPLE_SAVING_ID	2017-11-24 T 19:07:06	2017-11-24 T 19:07:45	REPLAY	COMPLETED	KIRN

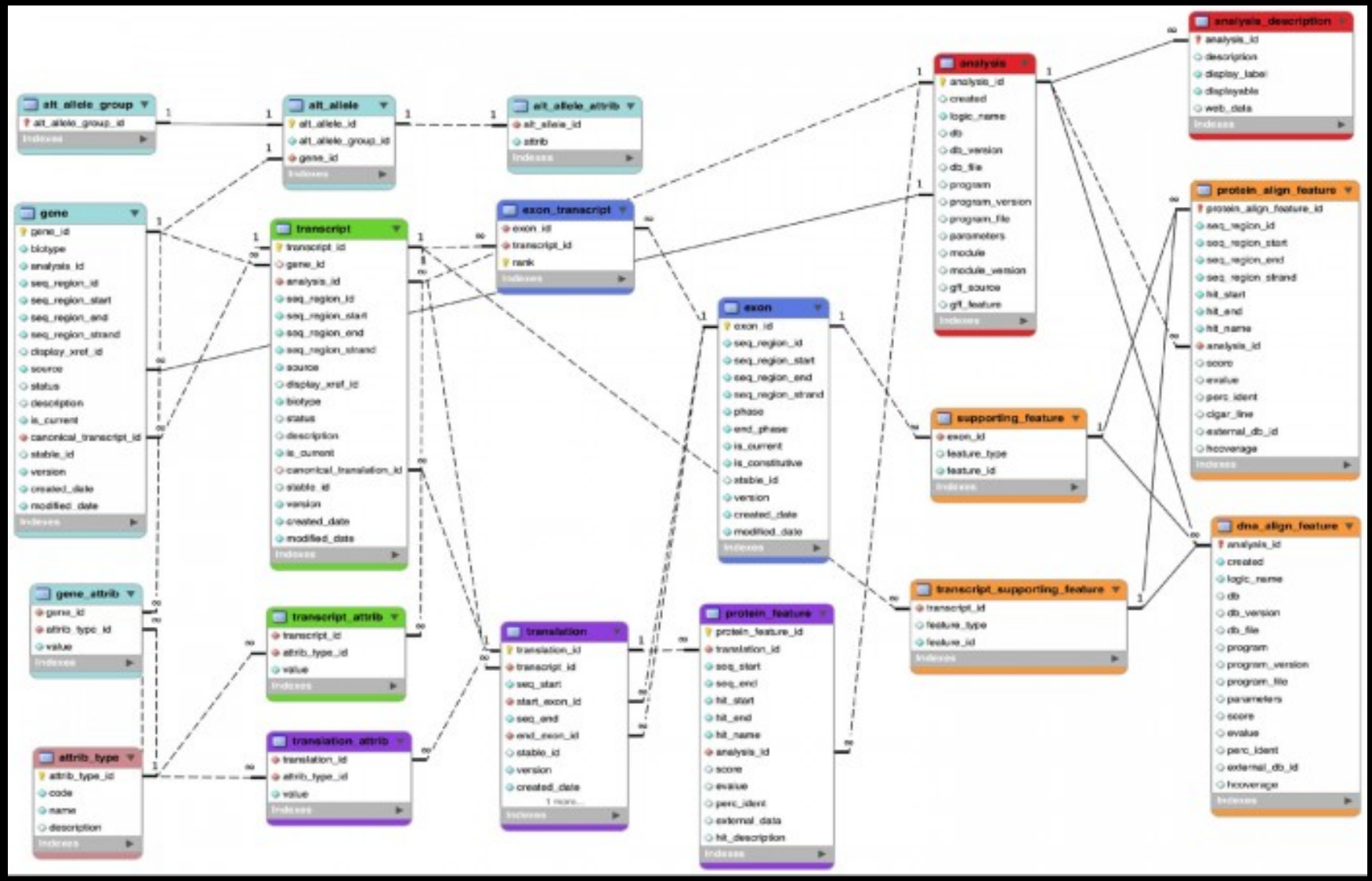
Subset Selection

Group name:
Group name
Assigned roles
TOKEN_MANAGER_ADMIN
TOKEN_MANAGER_FORCE_TAKE
ALARM_CONTROLLER_ADMIN
ALARM_ACTION_MANAGER_ADMIN
RULE_MANAGER_ADMIN
SCHEMA_CONTROLLER_ADMIN
USER_MANAGER_ADMIN
SCHEDULER_MANAGER_ADMIN
SNMP_AGENT_ADMIN
SCRIPT_ENGINE_ADMIN
SCRIPT_ENGINE_EXECUTOR
CONFIGURATION_ADMIN
REPORT_MANAGER_ADMIN
REPORT_EXECUTOR


Instrument name
acu
blink
etl-switch
Ettus
GnuRadio
lego-antenna
mdm6000
Omnisat
Omnisat.hdrd-1
rs-fsl3


Alarm assigning
Assigned alarms:
Administrators
Alarms not assigned:
Admins+Operators
Everyone
Viewers
SwitchAlarm

Object Graph Navigation


alt_allele_group
alt_allele_group_id
alt_allele
alt_allele_id
alt_allele_group_id
gene_id
alt_allele_attrib
alt_allele_id
attrib
gene
gene_id
biotype
analysis_id
seq_region_id
seq_region_start
seq_region_end
seq_region_strand
display_xref_id
source
status
description
is_current
canonical_transcript_id
stable_id
version
created_date
modified_date
transcript
transcript_id
gene_id
analysis_id
seq_region_id
seq_region_start
seq_region_end
seq_region_strand
source
display_xref_id
biotype
status
description
is_current
canonical_translation_id
stable_id
version
created_date
modified_date
exon_transcript
exon_id
transcript_id
rank
exon
exon_id
seq_region_id
seq_region_start
seq_region_end
seq_region_strand
phase
end_phase
is_current
is_constitutive
stable_id
version
created_date
modified_date
analysis
analysis_id
created
logic_name
db
db_version
db_file
program
program_version
program_file
parameters
module
module_version
gff_source
gff_feature
analysis_description
analysis_id
description
display_label
displayable
web_data
protein_align_feature
protein_align_feature_id
seq_region_id
seq_region_start
seq_region_end
seq_region_strand
hit_start
hit_end
hit_name
analysis_id
score
evalue
perc_ident
cigar_line
external_db_id
hcoverage
supporting_feature
exon_id
feature_type
feature_id
dna_align_feature
analysis_id
created
logic_name
db
db_version
db_file
program
program_version
program_file
parameters
score
evalue
perc_ident
external_db_id
hcoverage
transcript_supporting_feature
transcript_id
feature_type
feature_id
gene_attrib
gene_id
attrib_type_id
value
transcript_attrib
transcript_id
attrib_type_id
value
translation
translation_id
transcript_id
seq_start
start_exon_id
seq_end
end_exon_id
stable_id
version
created_date
protein_feature
protein_feature_id
translation_id
seq_start
seq_end
hit_start
hit_end
hit_name
analysis_id
score
evalue
perc_ident
external_data
hit_description
translation_attrib
translation_id
attrib_type_id
value
attrib_type
attrib_type_id
code
name
description

00:35:00 / 00:38:13

23. hroug godišnja konferencija

Search

Menu

Edit Switching Policy

Name PLANE

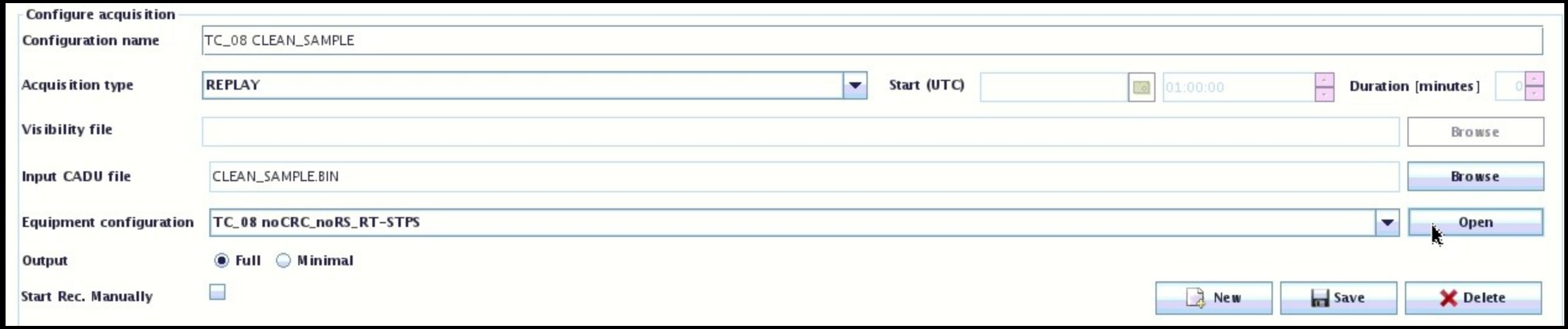
Icon

Ruleset GlobalRuleSet

Discard Apply

AMPHINICY TECHNOLOGIES

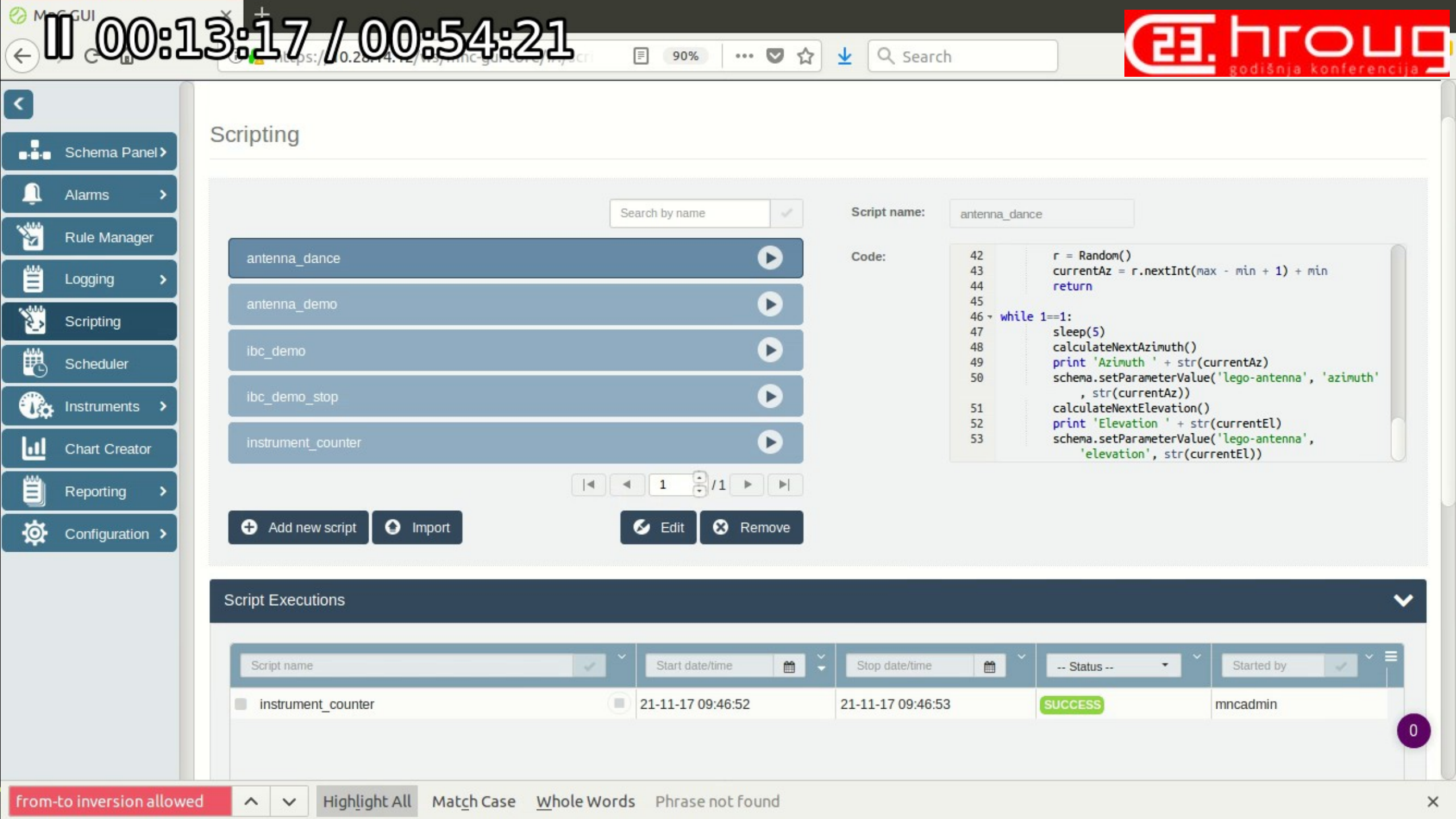
23. hroug godišnja konferencija


Configure acquisition
Configuration name
TC_08 CLEAN_SAMPLE
Acquisition type
REPLAY
Start (UTC)
01:00:00
Duration [minutes]
Visibility file
Browse
Input CADU file
CLEAN_SAMPLE.BIN
Browse
Equipment configuration
TC_08 noCRC_noRS_RT-STPS
Open
Output
Full
Minimal
Start Rec. Manually
New
Save
Delete

Intuitiveness

II 00:13:17 / 00:54:21

23. hroug godišnja konferencija



Log Overview

Severity: 0 severities selected

Message: Search

Source: Search

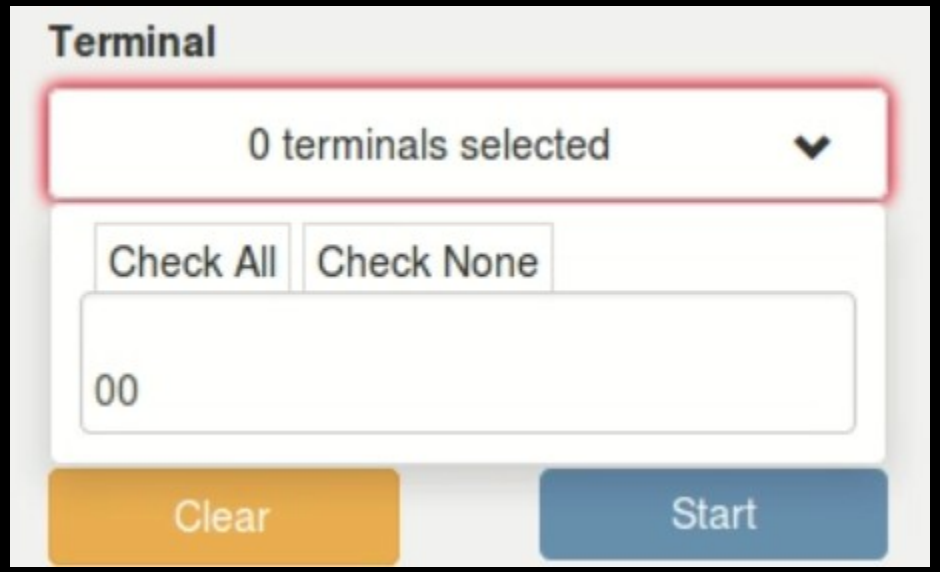
From: Search

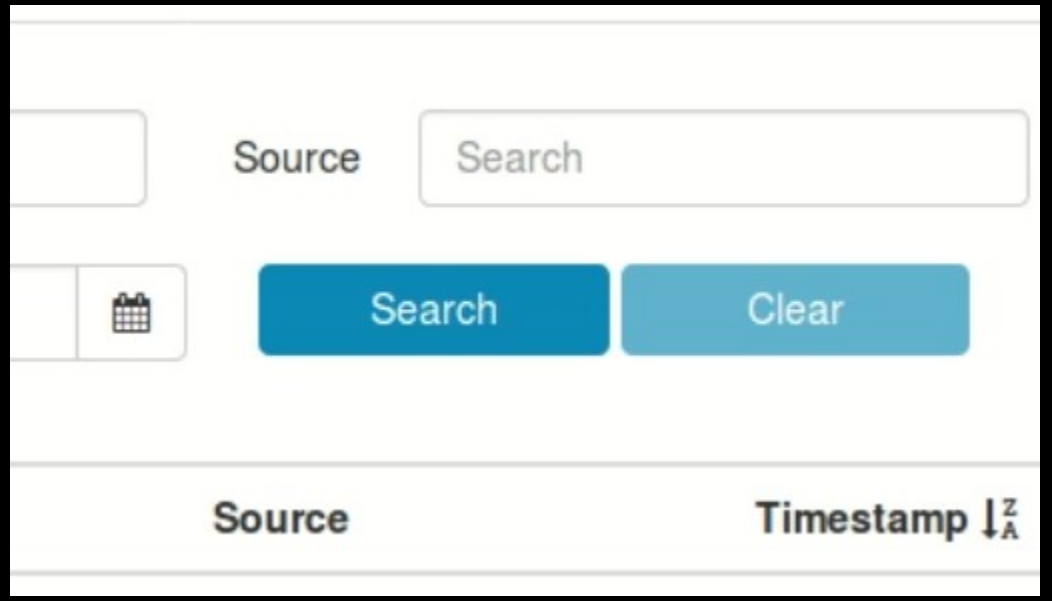
To: Search

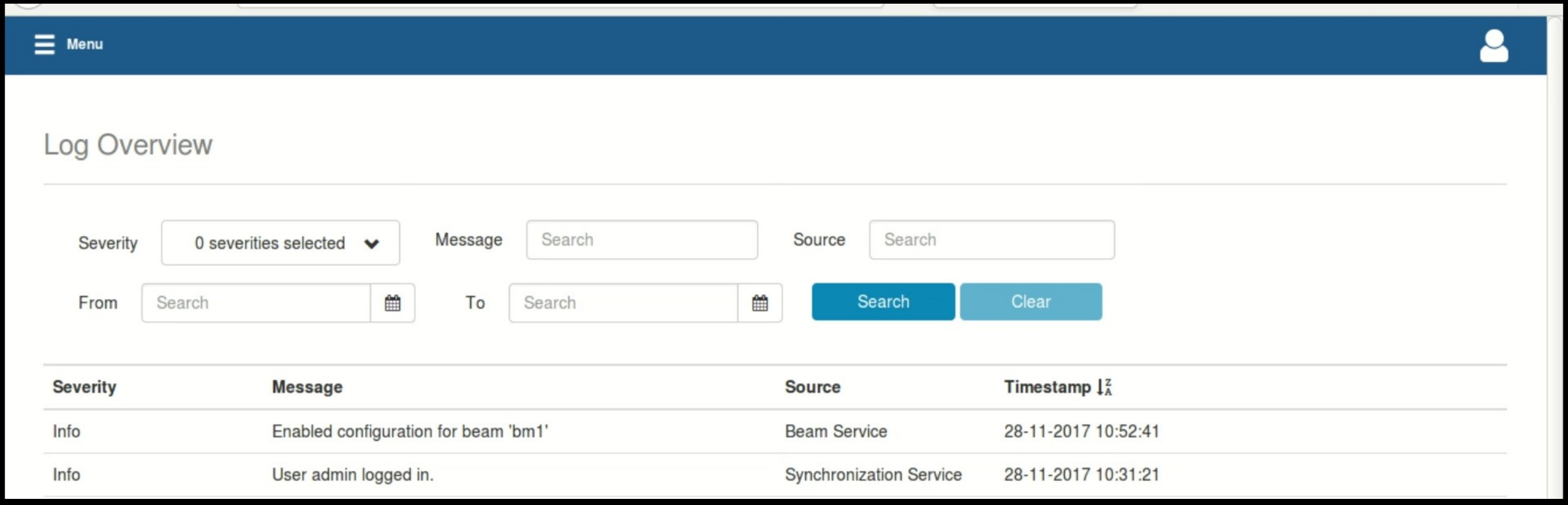
Search | Clear

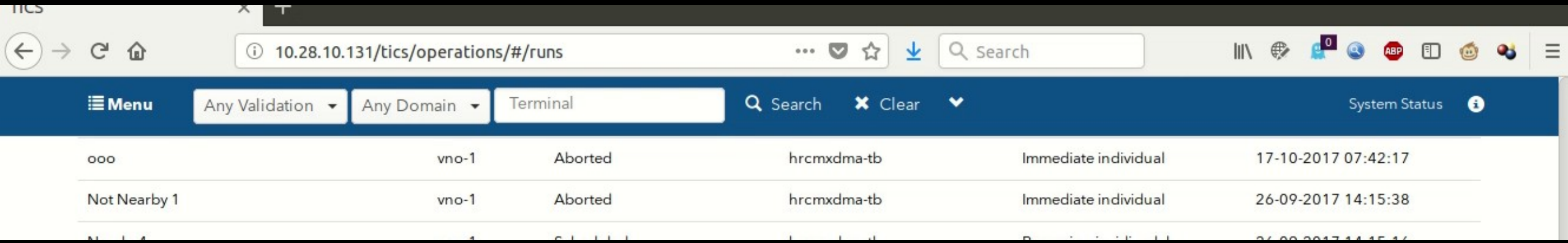
Severity	Message	Source	Timestamp
Warning	Terminal[00:11:22:33:44:00] - Active Beam[Y3_brazil_beam_34]...	Terminal Service	25-11-2017 15:04:04
Warning	Terminal[00:11:22:33:44:00] - Active Beam[Y3_brazil_beam_34]...	Terminal Service	25-11-2017 15:22:48
Error	Terminal[00:00:00:00:00:06] - location of terminal (16.744916, -...	Terminal Service	25-11-2017 14:51:24
Warning	Terminal[00:11:22:33:44:00] - Active Beam[Y3_brazil_beam_34]...	Terminal Service	25-11-2017 15:03:49
Error	Terminal[00:00:00:00:00:06] - location of terminal (17.704473, -...	Terminal Service	25-11-2017 15:18:30
Warning	Terminal[00:11:22:33:44:00] - Active Beam[Y3_brazil_beam_34]...	Terminal Service	25-11-2017 15:22:48

Consistency. INconsistency.

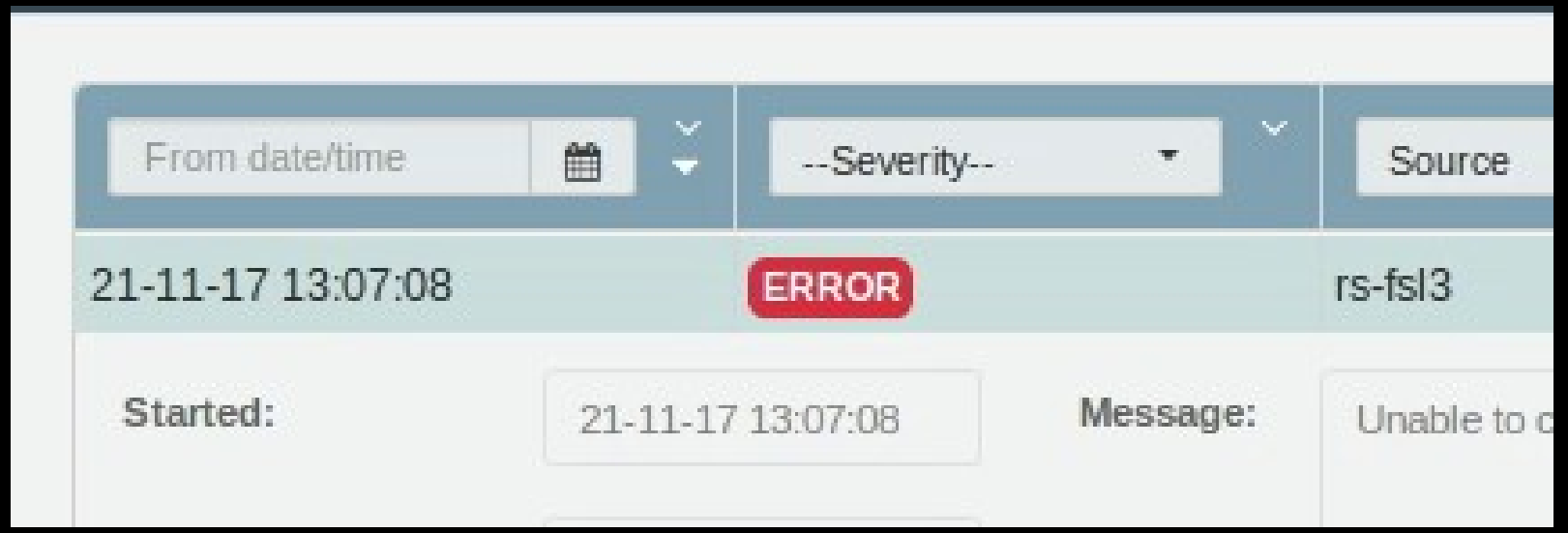

Terminal
0 terminals selected
Check All
Check None
00
Clear
Start


Source
Search
Search
Clear
Source
Timestamp

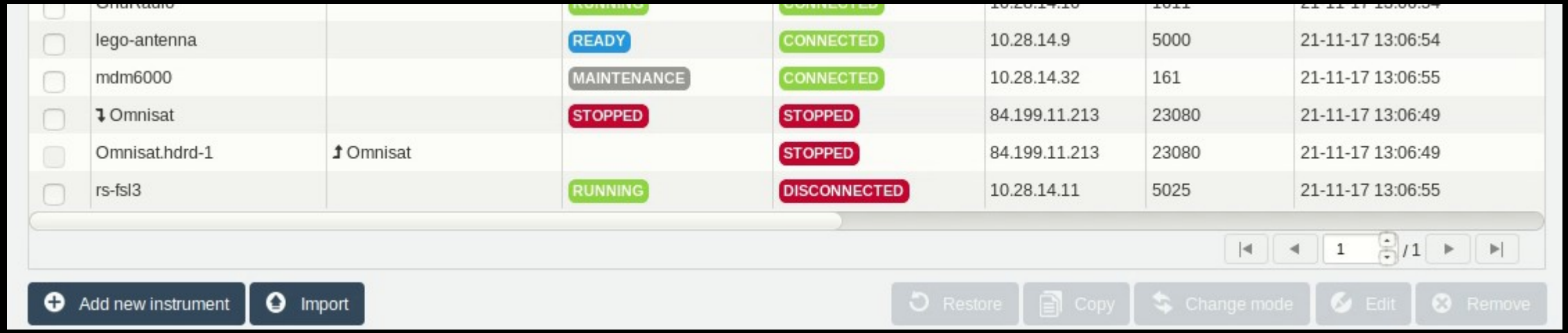

Menu
Log Overview
Severity
0 severities selected
Message
Search
Source
Search
From
Search
To
Search
Search
Clear
Severity
Message
Source
Timestamp
Info
Enabled configuration for beam 'bm1'
Beam Service
28-11-2017 10:52:41
Info
User admin logged in.
Synchronization Service
28-11-2017 10:31:21


10.28.10.131/tics/operations/#/runs
Search
Menu
Any Validation
Any Domain
Terminal
Search
Clear
System Status
ooo
vno-1
Aborted
hrcmxdma-tb
Immediate individual
17-10-2017 07:42:17
Not Nearby 1
vno-1
Aborted
hrcmxdma-tb
Immediate individual
26-09-2017 14:15:38

--State--
IP address
Port
From date/time
To date/time
CONNECTED
127.0.0.1
2013
21-11-17 13:06:48
CONNECTED
10.28.14.10
1610
21-11-17 13:06:53
CONNECTED
10.28.14.15
4001
21-11-17 13:06:53


From date/time
--Severity--
Source
21-11-17 13:07:08
ERROR
rs-fsl3
Started:
21-11-17 13:07:08
Message:
Unable to c

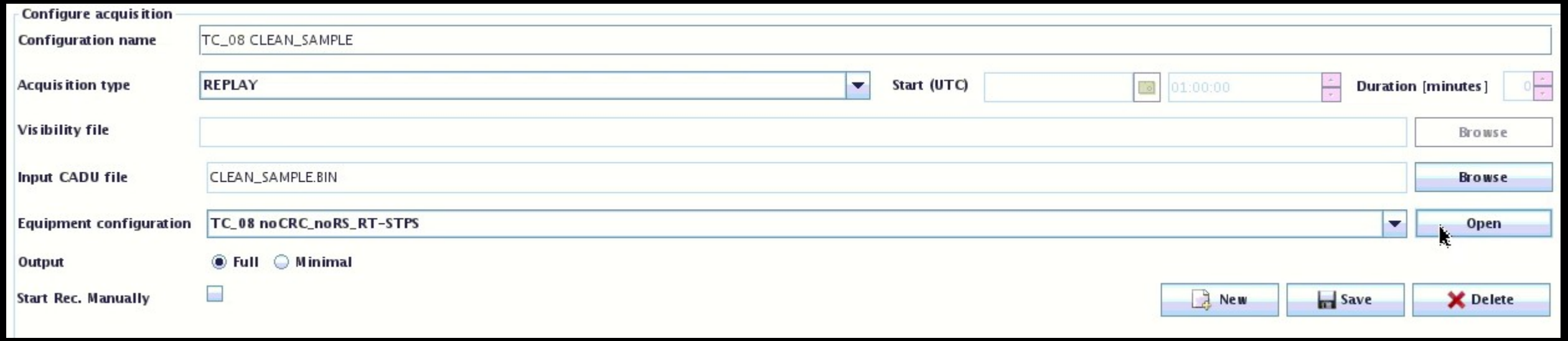
Copy/Clone Object



	lego-antenna		READY	CONNECTED	10.28.14.9	5000	21-11-17 13:06:54
	mdm6000		MAINTENANCE	CONNECTED	10.28.14.32	161	21-11-17 13:06:55
	↴ Omnisat		STOPPED	STOPPED	84.199.11.213	23080	21-11-17 13:06:49
	Omnisat.hdrd-1	↥ Omnisat		STOPPED	84.199.11.213	23080	21-11-17 13:06:49
	rs-fsl3		RUNNING	DISCONNECTED	10.28.14.11	5025	21-11-17 13:06:55

1 / 1

Add new instrument | Import | Restore | Copy | Change mode | Edit | Remove



In-field „Help“

AMPHINICY TECHNOLOGIES

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Site ID

Site ID

Name

Name

Forward Bandwidth (Msps)

Forward Bandwidth

Return Bandwidth (Msps)

Return Bandwidth

Job name: Job name

Start time:

start date

AMPHINICY TECHNOLOGIES

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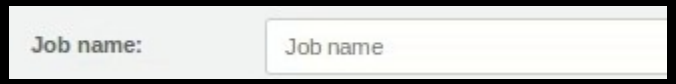

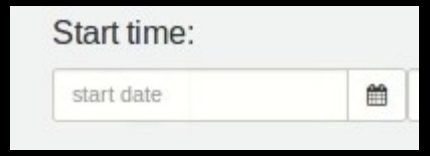

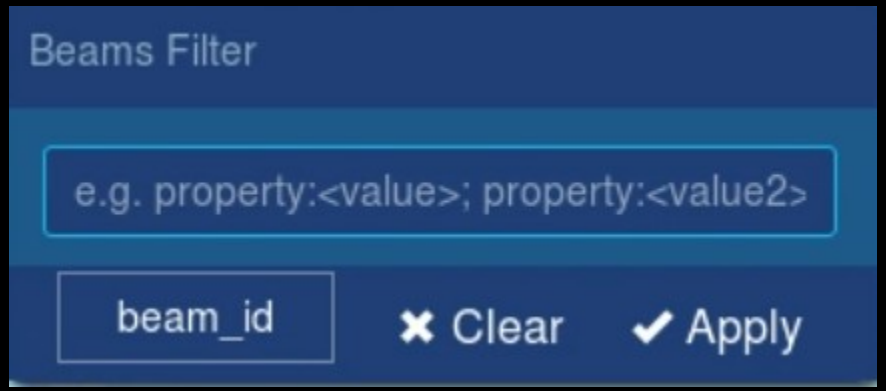

AMPHINICY TECHNOLOGIES

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Under the hood:

Good GUI library

Ideal GUI library..?

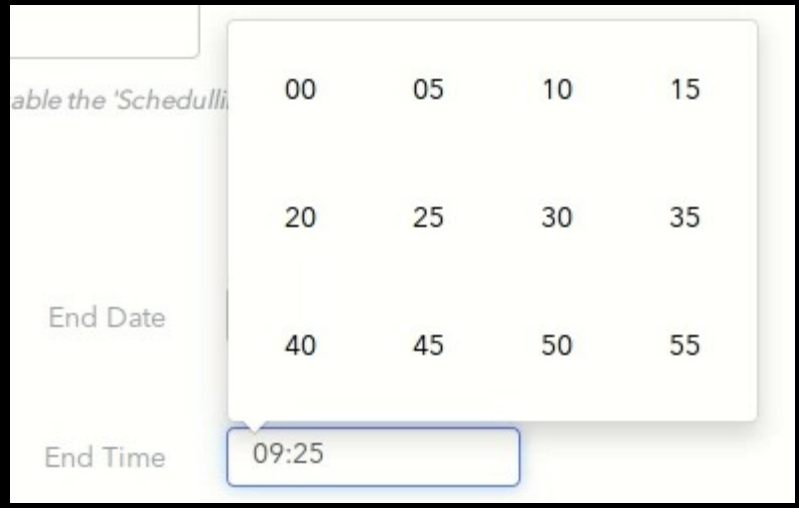
- table with:
  - configurable columns
  - sorting
  - multiselect
  - data + controls
  - pagination or continuous auto-loading
- date, time, date-time, date-span, time span
- select M from N objects
- min-max number range
- visual + numeric progress indicator with optional "Cancel" button
- wizards?

UI Design Guidelines...?

- navigation between related objects
- overall organisation (menus, reaching one type of data or another...)
- key scenario/workflow identification
- long running actions
- ...?

Component Design/Selection Guidelines..?

- mouse AND keyboard (arrows, <tab>, <Enter>, <esc>) interaction in mind
- practical?
- importance of numbers: displaying/finding/selecting 1 from 5, 500, 5M objects?
- ...?



Key questions

- do you have a UI lib with standard components? if yes, what does it have? if no, why?
- is there a set of guidelines to design your UIs, a checklist? if yes, which? if no, why?
- what can you improve?
- how?

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Thanks!