



SMP - Station Management Portal

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January 28, 2013



1 Background



The fast developments in the last years, especially the more common use of the MT/CMT techniques, made the integration of stations in a seismic analysis system more complex.

While in former times coordinates, elevation and overall gain were enough to integrate a station, nowadays more detailed information as for example poles and zeros are necessary.

Because of the large progress in sharing waveform data within the seismic community also the exchange of metadata information became more relevant. But one of the most important problems, how to keep metadata up to date is not solved.



SMP is a public free web interface to

- create
 - maintain
 - share (work in progress) and
 - notify about updates of (work in progress)
- station meta data information.



SMP is an alternative to PDCC from IRIS but is supporting SeisComp3 inventory XML only. It allows to

- configure networks, stations, location codes, channel codes
- customize channel naming
- add responses from the Nominal Response Library (NRL) from IRIS
- create custom sensor and dataloggers
- supporting reference for sensors/dataloggers/responses to reduce duplicate information
- import and export station meta data information in SeisComp3 inventory.xml format



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Home » Login

Log in

Login details

This area is protected. Enter your username and password.


Username

Password

Login

NRL News

- ▲ New sensors manufacturer: metrozet
- New sensor NS328 from geotech
- ▲ Change response PAZ of Trillium240
- ▲ New dataloggers manufacturer: soligo
- ▲ New sensors manufacturer: geodevice

Uses the NRL powered by 

Log in with your account.








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Welcome, **test**. Log out


Home

gempa SMP

-  **Networks**
Create/Change/Edit Networks, Add/Clone/Edit/Delete Stations for a network
-  **Instruments**
Create/Change/Edit Datalogger/Sensors
-  **Export**
Export your Station/Network to a seiscmp3.xml.
-  **Import**
Import your Station/Network from a seiscmp3.xml to your Database.
-  **Configure**
Change your own password ...

NRL News

-  New sensors manufacturer: metrozet
-  New sensor NS328 from geotech
-  Change response PAZ of Trillium240
-  New dataloggers manufacturer: isigeo
-  New sensors manufacturer: geodevice

Uses the NRL powered by 

Home section of SMP. Select "Networks" to manage your networks.



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Welcome, test. Log out

Networks loaded: 2

Home » Networks

Manage Networks

Add network

Code	start	End	Description	Institution	Region	NetClass	Stations
------	-------	-----	-------------	-------------	--------	----------	----------

NRI: News

- New sensors manufacturer: metrozet
- New sensor NS328 from geotech
- Change response PAZ of Tatum240
- New dataloggers manufacturer: solgeo
- New sensors manufacturer: geodevice

Click on "Add network" to add a new network.



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Welcome, **test**. Log out

Home » Network » Add Network

First, enter information to your network, after that you can add stations to your network

Code

Start
Format/: YYYY.DDD.HH-MM-SS.FFFF, YYYY.DDD.HH-MM-SS, YYYY.DDD, YYYY.MM.DD.HH-MM-SS.FFFF,...

End
Format/: YYYY.DDD.HH-MM-SS.FFFF, YYYY.DDD.HH-MM-SS, YYYY.DDD, YYYY.MM.DD.HH-MM-SS.FFFF,...

Description

Institutions
Institutions are separated with a space.

Region

Type
seismometer type (BB=Broadband, SP= ShortPeriod etc.)

Netclass

Archive
Archive operated by

Restricted

Shared

Remark

NRL News

- New sensors manufacturer: metrozet
- New sensor NS328 from geotech
- Change response PAZ of Tritium240
- New dataloggers manufacturer: solgeo
- New sensors manufacturer: geodevice

Fill in the form and press "Save".



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✔ Network added successfully
✔ Networks loaded: 1

[Home](#) > [Networks](#)

Manage Networks

Add network +

Code	Start	End	Description	Institution	Region	NetClass	Stations	
IN	2003-01-01 00:00:00.000	-	Indian National Network	IND/INCOIS	India	-	0	✖ Delete ✂ Change

NRL News

- ⚠ New sensors manufacturer: metrozet
- i New sensor NS328 from goitech
- ⚠ Change response PAZ of Tridium240
- ⚠ New dataloggers manufacturer: solgeo
- ⚠ New sensors manufacturer: geodevice

Network is created, select the network.



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 Welcome, **test**. [Log out](#)

Stations loaded: 0

Home » Networks » IN/2003-01-01T00:00:00.0000Z


IN / 2003-01-01T00:00:00.0000Z

Code	IN	Start	2003.001.00:00:00.0000
End	None	Description	Indian National Network
Institutions	DMD/INCOIS	Region	India
Type	BB	Netclass	-
Archive		Restricted	-
Shared	True	Remark	-

[Change](#)

NRI: News

- ▲ New sensors manufacturer: metrozet
- i New sensor NS328 from geotech
- ▲ Change response PAZ of Station240
- ▲ New dataloggers manufacturer: solgeo
- ▲ New sensors manufacturer: geodevice

Manage Stations

Add station
Clone station

Code	Start	End	Description	Latitude	Longitude	Elevation	Place	Country	Sensor Locks
 									

Click on "Add station" to add a new station.



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 Welcome, test. Log out

Home » Network » INU/2003-01-01T00:00:00.000Z » Add Station

First, enter information to your station, after that you can add a sensor location to your station

Code	<input type="text" value="SHL"/>
Start	<input type="text" value="2007-287.00.00.00"/> <small>Format: YYYY:DDD:HH:MM:SS.PPP, YYYY:DDD:HH:MM:SS, YYYY:DDD, YYYY:MM:dd HH:MM:SS.PPP,...</small>
End	<input type="text"/> <small>Format: YYYY:DDD:HH:MM:SS.PPP, YYYY:DDD:HH:MM:SS, YYYY:DDD, YYYY:MM:dd HH:MM:SS.PPP,...</small>
Description	<input type="text" value="Indian National Network"/>
Latitude	<input type="text" value="25.566817"/> <small>+ for north, - for south</small>
Longitude	<input type="text" value="91.83395"/> <small>+ for east, - for west</small>
Elevation	<input type="text" value="1650.0"/> <small>in meters</small>
Place	<input type="text" value="Shikong"/>
Country	<input type="text" value="India"/>
Affiliation	<input type="text"/>
Type	<input type="text" value="DB"/>
Archivnetworkid	<input type="text"/>
Archive	<input type="text"/> <small>Archive operated by</small>
Restricted	<input type="checkbox"/>
Shared	<input type="checkbox"/>
Remark	<input type="text"/>

NRL News

- ▲ New sensors manufacturer: metroteq
- New sensor NS320 from gestech
- ▲ Change response PAZ of ITRIM240
- ▲ New dataloggers manufacturer: edipeq
- ▲ New sensors manufacturer: geodesive

Fill in the form and press "Save".



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✔ Station added successfully
✔ Stations loaded: 1

Home » Networks » IN/2003-01-01T00:00:00.0000Z

IN / 2003-01-01T00:00:00.0000Z

Code	IN	Start	2003.001.00.00.0000
End	None	Description	Indian National Network
Installations	IN5/INCR05	Region	India
Type	00	Netclass	-
Archive		Restricted	-
Shared	True	Remark	-

Change

NRL News

- ▲ New sensors manufacturer: metroust
- ▲ New sensor NS329 from greich
- ▲ Change response PAZ of 0000240
- ▲ New dataloggers manufacturer: solgeo
- ▲ New sensors manufacturer: geodevice

Manage Stations Add station → Close station ←

Code	Start	End	Description	Latitude	Longitude	Elevation	Place	Country	Sensor List	
INL	2007-10-14 00:00:00.000	-	Indian National Network	+23.57	+91.86	1600.0	Shillong	India	0	Delete Change

Station is created, select the station.



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Welcome, **test**, Log out

Home » Networks » [N]/2003-01-01T00:00:00.0000Z » [S]/2007-10-14T00:00:00.0000Z

Station: **[S]/2007-10-14T00:00:00.0000Z**

Code	SRL	Start	2007.287.00:00:00.0000
End	Note	Description	Indian National Network
Latitude	25.566817	Longitude	91.85195
Elevation	1600.0	Place	Shikong
Country	India	Affiliation	-
Type	DS	Archivenebene/klasse	-
Archive		Restricted	-
Shared	True	Remark	-

[Change](#)

NRL News

- New sensors manufacturer: metrozet
- New sensor NG208 from geotech
- Change response PAZ of [S]/[sum240]
- New dataloggers manufacturer: sorbus
- New sensors manufacturer: geodivice

Manage Sensor Locations [Add sensor location](#)

Code	Start	End	Description	Latitude	Longitude	Elevation	Place	Country	Streams
------	-------	-----	-------------	----------	-----------	-----------	-------	---------	---------

Click on "Add sensor location" to add a new sensor location.



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Home » Networks » IN/2003-01-01T00:00:00-00:00002 » SHL/2007-10-14T00:00:00-000002 » Add SensorLocation

Welcome **Test** Log out

First, enter information to your sensor location, after that you can add a stream to your sensor location

Circle

Start Format: YYYY:DDD:HH:MM:SS:PPPE YYYY:DDD:HH:MM:SS, YYYY:DDD, YYYY:HH:dd:HH:MM:SS:PPPE...

End Format: YYYY:DDD:HH:MM:SS:PPPE YYYY:DDD:HH:MM:SS, YYYY:DDD, YYYY:HH:dd:HH:MM:SS:PPPE...

Latitude + for north, - for south

Longitude + for east, - for west

Elevation in meters

NEW News

- New sensors manufacturer: hetrozet
- New sensor NS228 from getach
- Change response PAZ of IISum240
- New dataloggers manufacturer: siggas
- New sensors manufacturer: geodevice

Fill in the form and press "Save".



SMP 2012.214 © gempa GmbH Welcome, [Test](#), [Log out](#)

✔ Sensor Location added successfully

Home » Networks » IN/2003-01-01T00:00:00.0000Z » SHL/2007-10-14T00:00:00.0000Z

▲ Station: SHL/2007-10-14T00:00:00.0000Z add

Code	SHL	Start	2007-10-14 00:00:00.0000	Description	Indon National Network	Longitude	91.85595	Place	Shikong
End	None								
Latitude	25.566817								
Elevation	1600.0								
Country	Indo								
Type	BS								Archivwertbeschränkt
Archive									Restricted -
Shared	True								Remark -

↔ Change

INEL News

- ▲ New sensors manufacturer: metroust
- i New sensor NS326 from geotech
- ▲ Change response PAZ of InSam240
- ▲ New 400loggers manufacturer: sorgo
- ▲ New sensors manufacturer: geodevice

Manage Sensor Locations

Code	Start	End	Description	Latitude	Longitude	Elevation	Place	Country	Stations
	2007-10-14 00:00:00.000	-	-	+25.57	+91.86	1600.0	-	-	0

Add sensor location →

✖ Delete
 ↔ Change

Sensor location is created, select sensor location.



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Home » Networks » /2007-10-13T00:00:00.0000Z » /2007-10-14T00:00:00.0000Z » /2007-10-14T00:00:00.0000Z

+ **Sensor Location: /2007-10-14T00:00:00.0000Z** view

Code		Start	2007-10-13T00:00:00.0000
End	Note	Latitude	25.566817
Longitude	91.85595	Elevation	1000.0

Change

NRL News

- ! New sensors manufacturer: metrozet
- ! New sensor NG208 from geotech
- ! Change response PAZ of 2007-10-14T00:00:00.0000Z
- ! New dataloggers manufacturer: surgea
- ! New sensors manufacturer: geodivice

Manage Streams Add stream →

Code	Start	End	Depth	Access	DIP	Gain	Sample Rate

Click on "Add stream" to add a new stream.



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 Welcome, user! Logout

Home » Networks » IN1960-Q1-15700-00-00.00002 » SRI,2007-10-14700-00-00.00002 » J2007-10-14700-00-00.00002 » Add Stream

First, enter common - Information to your stream, after that you can edit all created streams and change the datalogger, sensor, gain etc.

Start: Format: YYYY-DD-MM-HH:SS:FF, YYYY-DD-MM-HH:SS, YYYY-DD, YYYY-MM-DD-HH-MM:SS, YYYY...

End: Format: YYYY-DD-MM-HH:SS:FF, YYYY-DD-MM-HH:SS, YYYY-DD, YYYY-MM-DD-HH-MM:SS, YYYY...

Depth:

Instrument Type:

Sample rates: Sample rates are comma separated

Format:

Restricted:

Shared:

Stream Code	Latitude	Lon	Zone
HEZ	0	-88	
HMK	0	0	
HSE	88	0	

[Add another component](#)

Add a Datalogger to your Streams.

Datalogger: Change Reset New Datalogger from NRL

Datalogger	Datalogger	Datalogger	Datalogger	Datalogger
geometrics	geometrics	geometrics	geometrics	geometrics
geometrics TAURUS.L.100.L0.00V402	geometrics TAURUS.L.100.L0.00V402	geometrics TAURUS.L.100.L0.00V402	geometrics TAURUS.L.100.L0.00V402	geometrics TAURUS.L.100.L0.00V402
geometrics Q330 SR.1.100.40V402	geometrics Q330 SR.1.100.40V402	geometrics Q330 SR.1.100.40V402	geometrics Q330 SR.1.100.40V402	geometrics Q330 SR.1.100.40V402
geometrics Q330 SR.30.100.40V402	geometrics Q330 SR.30.100.40V402	geometrics Q330 SR.30.100.40V402	geometrics Q330 SR.30.100.40V402	geometrics Q330 SR.30.100.40V402

Add a Sensor to your Streams.

Sensor:

NRL News

- ▲ New sensors manufacturer: metrolab
- New sensor NS128 from gettech
- ▲ Change regional IRI of NS1240
- New dataloggers manufacturer: sigoio
- ▲ New sensors manufacturer: geoservice

Click on "Add datalogger from NRL" to retrieve response information from the NRL library maintained by IRIS.



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Home » Networks » 171700-00-00-00002 » 001,2007-10-14700-00-00-00002 » 2007-10-14700-00-00-00002 » Add Stream

First, enter columns' information to your stream, after that you can edit all created structures and change the datalogger, sensor, gain etc.

Start: 2007-10-14 00:00:00
 End: 2007-10-14 00:00:00
 Depth: 1000.0
 Instrument type: High Gain Earthquake ...
 Sample rate: 100
 Format: ...
 Authorized:
 Tracked:
 Add another component

Add a Datalogger to your Streams.

Datalogger

Datalogger	Change	Reset
gempa:171711.40.002	gempa:171711.40.002	gempa:171711.40.002
nanometrics:171711.40.002	nanometrics:171711.40.002	nanometrics:171711.40.002
geometrics:171711.40.002	geometrics:171711.40.002	geometrics:171711.40.002
geometrics:171711.40.002	geometrics:171711.40.002	geometrics:171711.40.002

Add a Sensor to your Streams.

NRL-Plugin
 datalogger
 Select the datalogger manufacturer

- Agneptagon
- Bath Data
- Geotec
- Geotech
- Geurep
- Kleinwita
- Nanometrics
- Quanterra
- RFI Tec
- Geosens

NEW News

- New sensors manufacturer: freemont
- New sensor 102128 from geotech
- Stream response 102128 of 102128
- New datalogger manufacturer: riggen
- New sensors manufacturer: geosens

Select datalogger manufacturer, for this example "Nanometrics".



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Home » Networks » 10.1580-01-1710-00.00.00002 » 001,2007-10-14700-00.00.00002 » 2007-10-14700-00.00.00002 » Add Stream

First, enter common information to your stream, after that you can edit all created attributes and change the datalogger, sensor, gain etc.

Start: 2007-207-00.00.00.00000
 End: 2007-207-00.00.00.00000
 Depth: 1000.0
 Instrument type: High-Gain Seismometer, 40
 Sample rates: 100
 Format: 10 Year of 1000 Bytes 0.0000
 Authorized:
 Trained:

NRL-Plugin
 datalogger=Nanometrics
 Select the Nanometrics model
 MRD-24
 Taurus
 Triton
 Triton 365

Unit	Agreement	Type	Manufacturer
MSZ	0	MS	
MSX	0	MS	
MSL	MS	MS	

Add a Datalogger to your Streams.

Datalogger	Change	Reset	Manufacturer	Model	Gain	Manufacturer
geopac-1000-1000-00000			geopac	1000T	-	1000T-01
nanometrics-Taurus-1-100-00000			nanometrics	Taurus	-	Taurus-1-100-00000
geopac-1000-100-00000			geopac	1000	-	1000-01-100-01
geopac-1000-100-100-00000			geopac	1000	-	1000-01-100-01

Add a Sensor to your Streams.

Select datalogger model, for this example "Taurus".



The screenshot shows the SMP interface for configuring a stream. A modal window titled "NRL-Plugin" is open, showing the configuration for a datalogger named "fanometricsTaurus". The modal prompts the user to "Select the input range (gain)" and provides a list of options: 40 Vpp (0-4), 16 Vpp (1), 8 Vpp (2), 4 Vpp (4), and 2 Vpp (8). The "16 Vpp (1)" option is selected. The background interface shows various configuration fields for the stream, including Start, End, Depth, Instrument Type, Sample rates, Format, and a table of dataloggers.

Select the input range (gain), for this example "16Vpp".



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Home » Networks » 10.1440-01-13700-00-00-00002 » 001_12007-00-14700-00-00-00002 » 12007-00-14700-00-00-00002 » Add Stream

2000: select columns - Information for your streams, after that you can edit all created streams and change the datalogger, sensor, gain etc.

Start: 2007-08-01 00:00:00
 End:
 Depth: 1000.0
 Measurement type:
 Sample rate: 100
 Format:
 Authorized:
 Shared:

NRI-Plugin
 datalogger=nanometrics&Taurus=10 Vpp (1)-Low (default)
 Select whether the DC removal filter is on (corner at 1 mHz):
 Off
 On

Add a datalogger to your streams.

Datalogger	Change	Reset
gsewin-00711-00-002	<input type="checkbox"/>	<input type="checkbox"/>
nanometrics-Taurus-1-100-00-00002	<input type="checkbox"/>	<input type="checkbox"/>
gsewin-0230-00-1-100-00-0002	<input type="checkbox"/>	<input type="checkbox"/>
gsewin-0230-00-30-100-00-0002	<input type="checkbox"/>	<input type="checkbox"/>

Add a sensor to your streams.

Select if DC removal filter is on, for this example "Off".



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Home » Networks » 10.1440-01-14700-00-00-00002 » 041,2007-10-14700-00-00-00002 » 2007-10-14700-00-00-00002 » Add Stream

2007-2007-00-00-00-00000

Start: 2007-2007-00-00-00-00000
 Format: 101,2007-10-14700-00-00-00002, 101,2007-10-14700-00-00-00002, 101,2007-10-14700-00-00-00002

End: []
 Format: 101,2007-10-14700-00-00-00002, 101,2007-10-14700-00-00-00002, 101,2007-10-14700-00-00-00002

Depth: 1000.0

Instrument type: []

Sample rate: 100
Sample rate (see channel description)

Format: []
Format of the data (SDF)

Realized: []

Stream: []

Unit: []

Verb: []

Verb: []

⊕ Add another component

NR1-Plugin

datalogger=Nanometrics>Taurus16 Vpp (1)=Low (default)=1 mHz

Select the sample rate in samples per second

10	Taurus, 16 vpp (gain 1), 10 sps, low impedance, DC removal filter off
20	Taurus, 16 vpp (gain 1), 20 sps, low impedance, DC removal filter off
40	Taurus, 16 vpp (gain 1), 40 sps, low impedance, DC removal filter off
50	Taurus, 16 vpp (gain 1), 50 sps, low impedance, DC removal filter off
80	Taurus, 16 vpp (gain 1), 80 sps, low impedance, DC removal filter off
100	Taurus, 16 vpp (gain 1), 100 sps, low impedance, DC removal filter off
120	Taurus, 16 vpp (gain 1), 120 sps, low impedance, DC removal filter off
200	Taurus, 16 vpp (gain 1), 200 sps, low impedance, DC removal filter off
250	Taurus, 16 vpp (gain 1), 250 sps, low impedance, DC removal filter off
500	Taurus, 16 vpp (gain 1), 500 sps, low impedance, DC removal filter off
1000	Taurus, 16 vpp (gain 1), 1000 sps, low impedance, DC removal filter off

Add a datalogger to your streams.

Datalogger	Change	Reset	Impedance	Gain	Filter	Gain	Filter
gempa101-16-002			impedance	16VPP	-	1000.0	off
gempa101-16-002			impedance	16VPP	-	1000.0	off
gempa101-16-002			impedance	16VPP	-	1000.0	off
gempa101-16-002			impedance	16VPP	-	1000.0	off

Add a sensor to your streams.

Select sample rate, for this example "100".



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Home » Network » 761780-03-14780-03-06-0002 » 7612007-03-14780-03-06-0002 » 2007-03-14780-03-06-0002 » Add Stream

WELCOME, user! Log out

First, enter common information to your stream, after that you can edit all created streams and change the datalogger/sensor, gate etc.

Start:

End:

Depth:

Instrument type:

Sample rates:
Specify when an external expansion

Format:

Restricted:

Shared:

Device	Device	Id	Order
192	0	190	
193	0	0	
194	0	0	

[Add another component](#)

Add a Datalogger to your Streams.

Datalogger: [Change](#) [Reset](#) [Add new device...](#)

Name	Datalogger-Manufacturer	Datalogger-Model	Recorder-Manufacturer	Recorder-Model	Gate	Description
gempa-SMRT1.1.m.ini	gempa	SMRT1	SMRT1	SMRT1	-	SMRT1.1.m
gempa-His-TAURUS_1.100.LD.OPP.HQC	gempa	TAURUS	TAURUS	TAURUS	-	TAURUS_1.100.LD.OPP
gempa-Q230.SR.1.100.at.HQC	gempa	Q230	Q230	Q230	-	Q230.SR.1.100.at
gempa-Q230.SR.30.200.at.HQC	gempa	Q230	Q230	Q230	-	Q230.SR.30.200.at

Add a Sensor to your Streams.

Sensor: [Change](#) [Reset](#) [Save and add another](#) [Save](#)

Datalogger is now added to your list of used dataloggers at the bottom, select it from there.



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Home » Networks » 761199-03-14750-00-06-0002 » 761207-03-14750-00-06-0002 » 2007-03-14750-00-06-0002 » **Add Stream**

2007-2017 00:00:00-0000

End

Depth: 1000.0

Instrument type: High Data Sonometer

Sample rates: 100

Format

Restricted

Shared

Name	Units	Hz	
THC	0	100	<input type="checkbox"/>
TRN	0	0	<input type="checkbox"/>
TRC	00	0	<input type="checkbox"/>

Datalogger: nanometrics TAURUS 1.30 Change

Sensor: Change

Save and add another Save

NEL Notice

New streams:
 nanometrics: metrom
 New sensor: NANOS from station

The datalogger field is now filled with the nanometrics taurus ID.
 Press "Change sensor".



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Home » News » 13619402-13710202020202 » 13612027-10-14730020202 » 22007-10-107102020202 » Add Stream

Website, Test, Log out

First, enter stream - information to your stream, after that you can edit all created streams and change the Datlogger address, etc.

Start:

End:

Depth:

Streamtype: **High-Gate Sensor**

Sample rate:

Format:

Restricted:

Shared:

Device:

Unit	Min	Max	Sp	Unit
Hz	<input type="text" value="0"/>	<input type="text" value="100"/>	<input type="text" value="0"/>	<input type="text" value=""/>
Hz	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value=""/>
Hz	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value=""/>

Add a Datlogger to your Streams.

Datlogger:

Add a Sensor to your Streams.

Sensor:

Name	Manufacturer	Model	Unit	Description
gmpg-CHG2T-130-2000-BHZ	gmpg	CHG2T	Hz	CHG2T-130-2000
sementec-Sensor-02_200_2000F_20_BHZ	sementec	Sensor	Hz	Sementec-02_200_2000F_20
sementec-T910m-240_02_200_1300-BHZ	sementec	T910m-240_02	Hz	T910m-240_02_200_1300
strockem-ST52_gen2-130-2000-BHZ	strockem	ST52_gen2	Hz	ST52_gen2-130-2000
strockem-ST52_gen3-130-1500-BHZ	strockem	ST52_gen3	Hz	ST52_gen3-130-1500

Click on "Add sensor from NRL".



The screenshot shows the 'Add a Sensor' configuration page in the SMP 2012.314 web interface. A modal window titled 'NRL-Plugin' is open, showing a list of sensor manufacturers. The list includes:

- OSI CHSE
- Senec
- Geotech
- Garco
- Elemantra
- LemnaT2
- Nanometrics
- DTG Database
- RF TDK
- SenecMark Products
- Struckmann
- Senec

The 'Nanometrics' option is currently selected. Below the modal, the main configuration form is partially visible, showing fields for 'Manufacturer', 'Model', and 'ID'.

Select sensor manufacturer, for this example "Nanometrics".



NRU-Plugin

sensor=nanometricsTritium 240

Select the generation of electronics used in this Tritium 240

1. serial numbers <= 400
2. serial numbers >= 400

Tritium 240, generation 2, 240s, 1180 kmh

Name	Manufacturer	Model	Unit
gmpd CNR27 120 2000 BNC	gmpd	CNR27	MS
nanometrics Tritium 240 240 2000 BNC	nanometrics	Tritium 240	MS
nanometrics Tritium 240 240 2000 BNC	nanometrics	Tritium 240 240	MS
nanometrics T752 gen2 120 2000 BNC	nanometrics	T752 gen2	MS
nanometrics T752 gen2 120 2000 BNC	nanometrics	T752 gen2	MS

Select serial number, for this example ">400".



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Home » Networks » 1N1909-01-13790-00-00-00002 » 9M12007-10-14790-00-00-00002 » 22007-10-14790-00-00-00002 » Add Stream

Welcome, User! Log out

Final, after creation - Information to your stream, after that you can edit all created streams and change the data logger, sensor, gain etc.

Start: 2007-207-00-00-00000
 Format: YYYYMMDDHHMMSS.FFF,YYYYMMDDHHMMSS.FFF,YYYYMMDDHHMMSS.FFF,...

End:
 Format: YYYYMMDDHHMMSS.FFF,YYYYMMDDHHMMSS.FFF,YYYYMMDDHHMMSS.FFF,...

Depth: 1400.0

Instrument type: High Gain Seismometer

Sample rates: 100
Sample rate and channel dependent

Format:
In case of new level (12000)

Restricted:

Shared:

Connection: 2M

Code	Keywords	Exp	Units
Hz	0	-80	
Hz	0	0	
Hz	90	0	

➕ Add another component

Add a Detector to your Streams.

Subelement

Detector: (saramatico,TRIGG,1.0) Change Reset

Add a Sensor to your Streams.

Sensor

Name	Manufacturer	Model	SN	Description
gempa_CMG21_L30-2000_BHZ	gempa	CMG21	MS	CMG21 L30-2000
saramatico_EpoSensor_200_2000F_20_BHZ	saramatico	EpoSensor	MSF-13	EpoSensor_200_2000F_20
saramatico_Triumph240_01-200-1100_BHZ	saramatico	Triumph240_01	MS	Triumph240_01-200-1100
stroboscan_ST512_gen2_L30-20000_BHZ	stroboscan	ST512_gen2	MS	ST512_gen2 L30-20000
stroboscan_ST512_gen3_L30-11000_BHZ	stroboscan	ST512_gen3	MS	ST512_gen3 L30-11000

Save and add another Done

Sensor is added to the sensor list at the bottom. Select the "Trillium 240" sensor.



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 Welcome, feet! Logout

Home » Networks » IN1960-01-15T00:00:00.0000Z » SNL2007-10-14T00:00:00.0000Z » /2007-10-14T00:00:00.0000Z » Add Stream

+ First, enter common - Information to your stream, after that you can edit all created streams and change the datalogger, sensor, gain etc.

Start Format: YYYY-DD-MM-PH:SS.FFFF, YYYY-DD-MM-PH:SS, YYYY-DD, YYYY-MM-DD, HH:MM:SS.FFFF, ...

End Format: YYYY-DD-MM-PH:SS.FFFF, YYYY-DD-MM-PH:SS, YYYY-DD, YYYY-MM-DD, HH:MM:SS.FFFF, ...

Depth

Instrument Type Sample-rates are comma separated

Sample rates

Format In Case of New-Sens STEREO

Restricted

Shared

Stream Code	Amplitude	Sig.	Default
HEZ	<input type="text" value="0"/>	<input type="text" value="-80"/>	<input type="radio"/>
HEM	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="radio"/>
HEE	<input type="text" value="90"/>	<input type="text" value="0"/>	<input type="radio"/>

[Add another component](#)

+ Add a Datalogger to your Streams.

Datalogger
<input type="text" value="nanometrics.TAURUS.1.100"/> Change Reset

+ Add a Sensor to your Streams.

Sensor
<input type="text" value="nanometrics.TriLun248_g"/> Change Reset

+ RSS News

- ▲ New sensors manufacturer: metrolab
- New sensor HQ328 from geotech
- ▲ Geopac regional PAZ of 06/12/2012
- ▲ New dataloggers manufacturer: seigo
- ▲ New sensors manufacturer: geoservice

All information is given, press "Save".

Dr. B. Weber & J. Becker (gempa GmbH)

SMP - Station Management Portal

January 28, 2013

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SMP 2012.214 © gempa GmbH Welcome, test1, log out

- Dataloggers loaded: 4
- Dataloggers loaded: 4
- Sensors loaded: 5
- Sensors loaded: 5
- Add Stream HHZ successfully
- Add Stream HHN successfully
- Add Stream HHE successfully

Home » Networks » IN1590-01-15700-00-00.0000Z » SHL2007-10-14T00:00:00.0000Z » /2007-10-14T00:00:00.0000Z

Sensor Location: /2007-10-14T00:00:00.0000Z

Code	Start	End	Latitude	Longitude	Elevation
	2007.207.00.00:00.0000		25.566017	91.85595	1600.0

Manage Streams Add stream (+)

Code	Start	End	Depth	Accuracy	Dip	Gain	Sample Rate	
HHE	2007-10-14 00:00:00.000	-	1600.0	90.0	0	1580.2	100	✖ Delete
HHN	2007-10-14 00:00:00.000	-	1600.0	0	0	1580.2	100	✖ Delete
HHZ	2007-10-14 00:00:00.000	-	1600.0	0	-90.0	1580.2	100	✖ Delete

New News

- ▲ New sensors manufacturer: metracon
- New sensor NS320 from protel
- ▲ Change response PAZ of stream20
- ▲ New dataloggers manufacturer: sango
- ▲ New sensors manufacturer: geodevice

3 streams, HHZ, HHN, HHE are created. Click on the "home" link at the top of the page.



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Home

gempa SMP

Networks
Create/Change/Edit Networks, Add/Clone/Edit/Delete Stations for a network

Instruments
Create/Change/Edit Datalogger/Sensors

Export
Export your Station/Network to a seismop3-xml

Import
Import your Station/Network from a seismop3-xml to your Database.

Configure
Change your own password ...

NRL News

- New sensors manufacturer: rethysport
- New sensor NS326 from geotech
- Change response PAZ of Fun240
- New dataloggers manufacturer: logoo
- New sensors manufacturer: geodivice

Use the NRL powered by **IRIS**

Select "Export".



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Welcome, test! Logout

Home » Export

Export Network, Stations ... to SC306

- Inventory
 - Network: IN
 - Station: GFL
 - Sensor Location
 - Stream:HHZ_Start: 2007-10-14 00:00:00.000
 - Stream:HHN_Start: 2007-10-14 00:00:00.000
 - Stream:HHZ_Start: 2007-10-14 00:00:00.000

Export to SC306

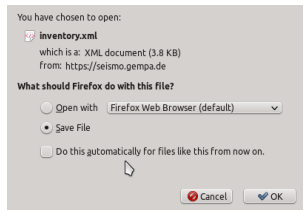
New! News

- New sensors manufacturer: Metropost
- New sensor NS328 from gepoch
- Change response PRZ of 2012.214
- New dataloggers manufacturer: solgeo
- New sensors manufacturer: geoservice

A list of all configured networks and stations is given. Select the "IN" network.



All items are checked. Press "SC3XML".



A download window opens. Save the file to your system.



- Share sensor and datalogger information
- Subscribe to public/individually shared station information
- notification about updates of the subscribed stations
- user specific news/updates
- user comments concerning the updates