



S-131 Project Team Update

NIPWG VTC-01/24

March 5th, 2024



S-131 Overview

- Project Team Activity
- Server Deployment
- GUI/API Progress
- Upcoming Steps





Project Team Activity

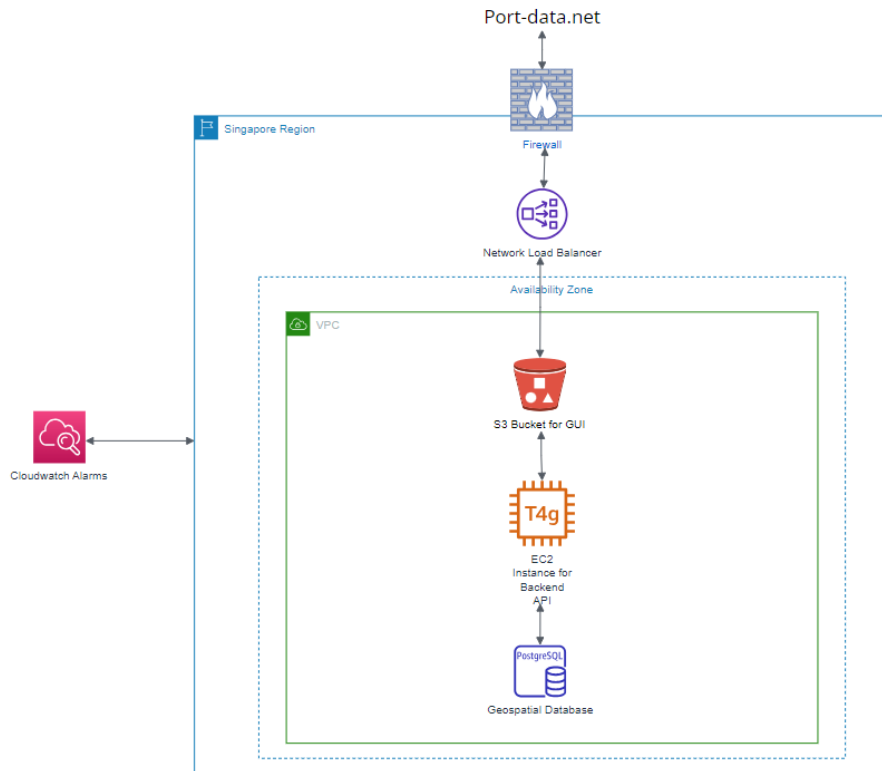
- Monthly meetings
- Gap analysis
- Upcoming





Server Deployment:

- Server architecture
- User accounts created
- Ready for loading





API Progress

- Version 1.6: GeoJSON inputs, dataset creation/storage, GML/GeoJSON outputs
- Singapore data & Port Guide digitization: comparison with S-131 feature catalogue
- 131dev.com to be ported over to server after GUI is installed



API Upcoming:

- Install on server and assign URL: **port-data.net**
- Looking ahead:
 - better dataset management
 - Singapore digitization to help with data model extension

Datasets		^
GET	/addDataset/{datasetID}	[DEV] add a new dataset
GET	/delDataset/{datasetID}	[LIVE] Delete a single dataset
GET	/extractDataset/{datasetID}	[LIVE] retrieve a dataset in standardised form from its identifier
GET	/getDataset/{datasetID}	[LIVE] Get an individual dataset
GET	/listDataset/:	[LIVE] List datasets
GET	/modDataset/{datasetID}	[DEV] modify an existing dataset
GET	/validateDataset/{datasetID}	[DEV] validate the contents of an entire dataset against the current feature catalogue.



GUI Progress:

Client

Resources:

- GIS files (.shp)
- Graphics, Text, HTML files
- GML (S-131 data model)



Web-based GUI (Editor)
(+ available Web Map Services)

Extract/convert/edit/export

- Feature/attribute/geometry
- Information
- Association



Export :

- S-131 GML
- Support Files

HO

Port

S-131
S-101

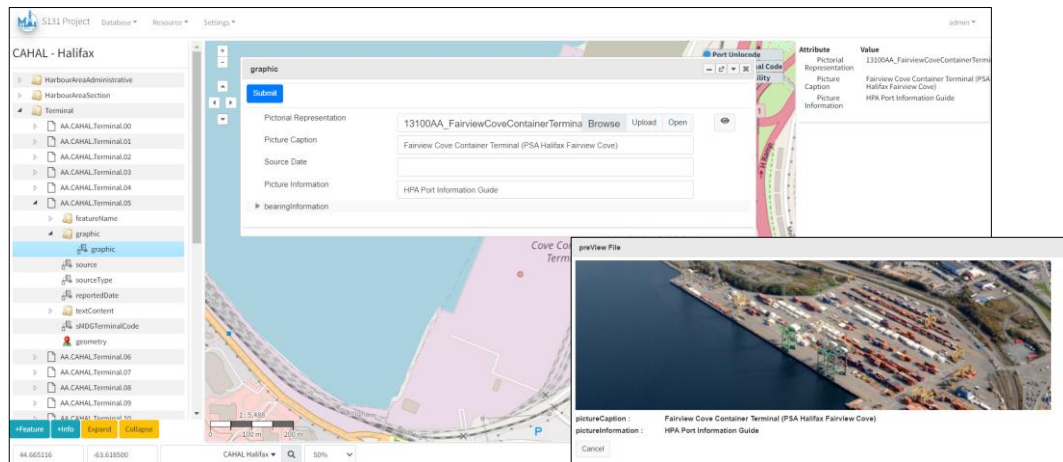
Port Guide
E-Nav
Services

Port
Database



GUI Upcoming:

- Install on server
- Simplified GUI
- Fine tuning
- User Guide
- Port tests





Status:

- **COMPLETE:**
simplified GUI; API v 1.6
- **UNDERWAY:**
server deployment at IHO-Singapore Lab
- **NEXT:**
DB population; testing; data model v1.1; port feedback



Thank you.

QUESTIONS?

