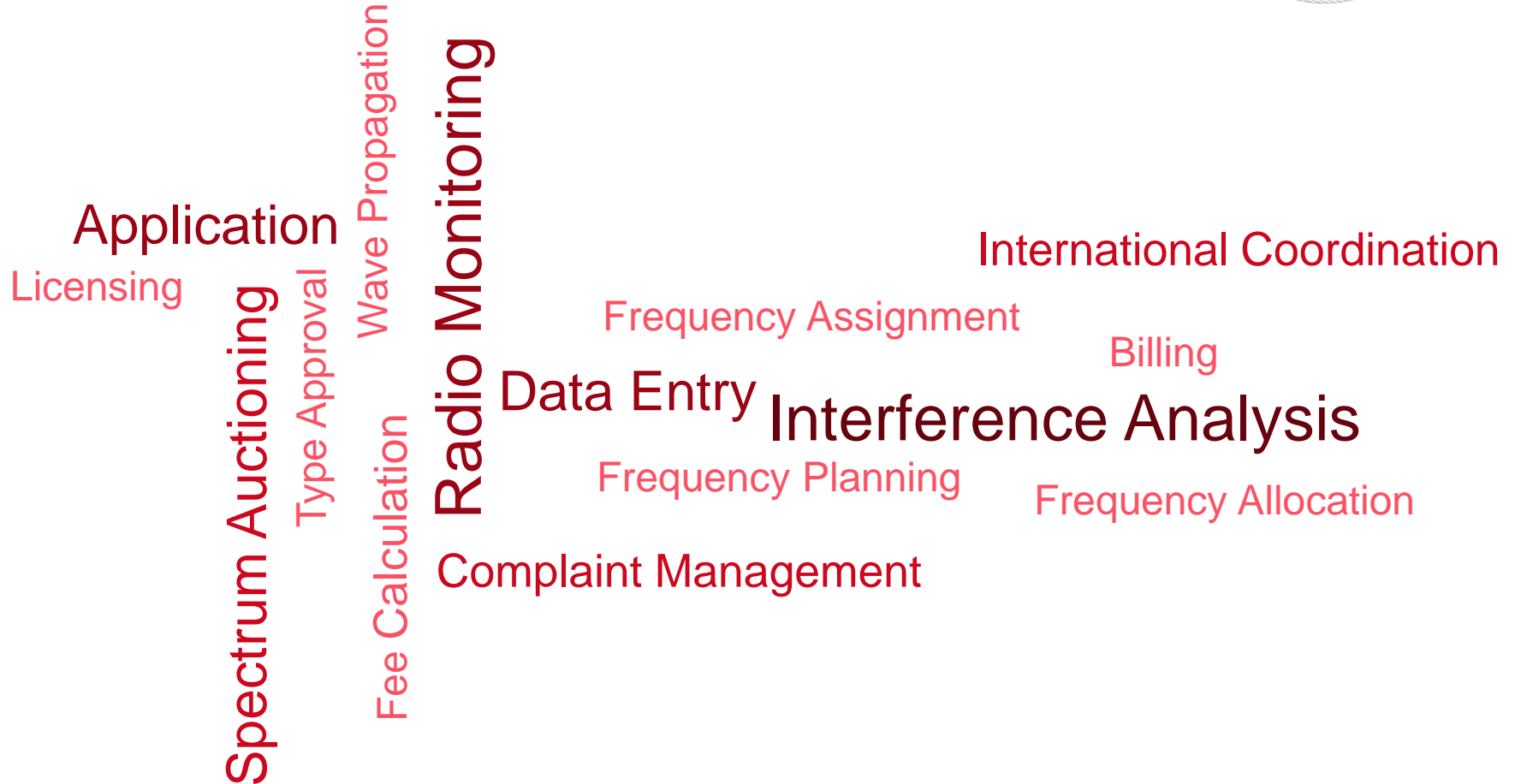




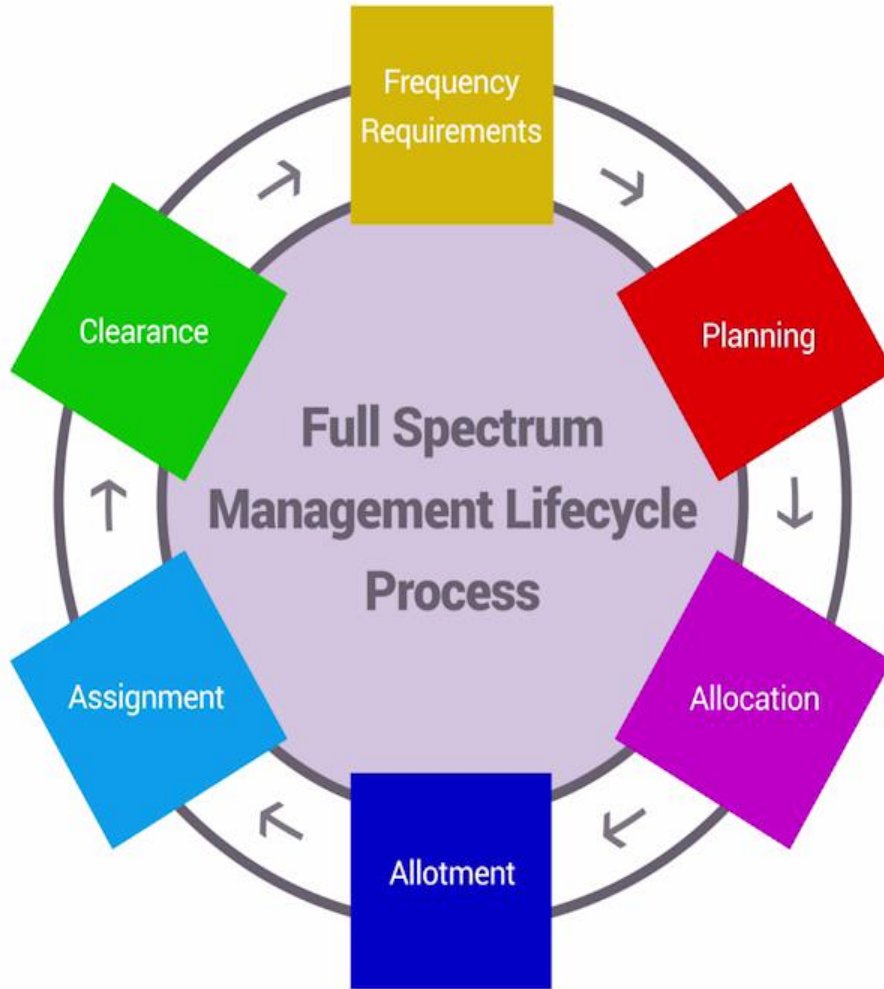
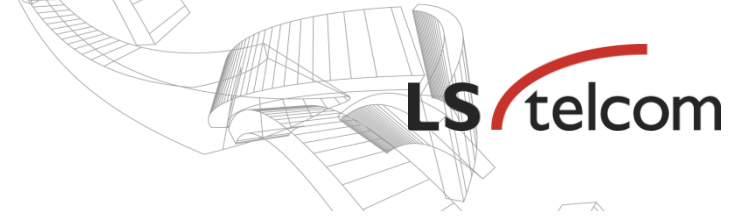
# Administrative Regulatory Solutions

Dr. Witold Thaul

# Spectrum Management Tasks & Challenges

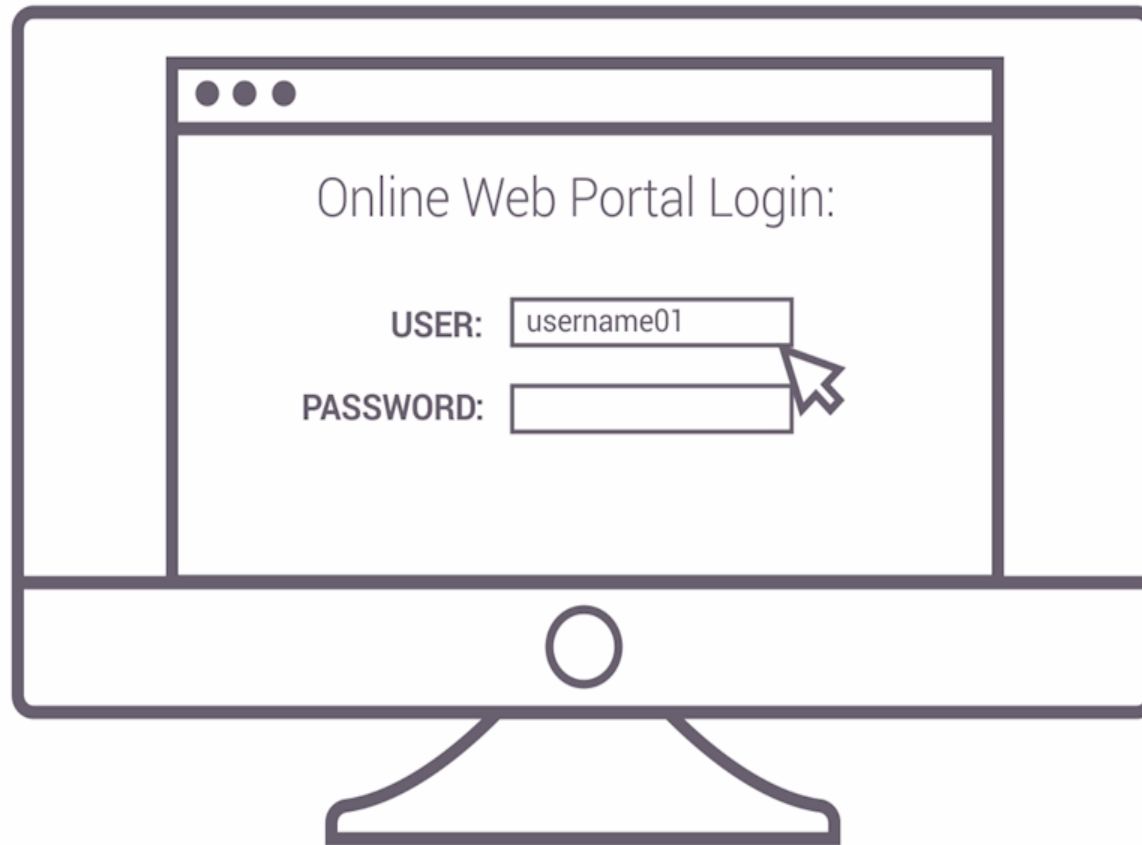


# Spectrum Management LS telcom's Solution



# SPECTRA

# User Management



# User Management



Web Account Information x +

Suchen

LS telcom

Home Frequency Portal Map Login Registration

## User Registration

### Web Account Information

\* Fields marked as required. Please ensure to not leave them empty.

Login Name \*

Password \*   
Strong  
• Minimum password length: 4

Confirm Password \*

☐ Existing Licensee

### Account Owner Details

First Name \*

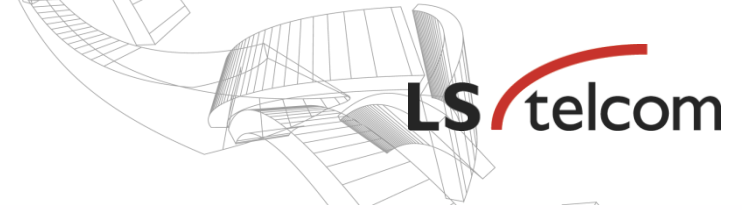
Last Name \*

Telephone

Fax

Enabling User Self Registration and Validation

# Radio Service Landscape



# Radio Service Landscape



Applications

Email Contact Us Sitemap

LS telcom

Home Applications Download Master Data Frequency Portal Map Logout lala

## New Application

List My Applications

Broadcasting

- FM Commercial
- FM Community
- DVB-T
- DVB-H
- T-DAB

Fixed

- Point to Point Link
- Point to Multi-Point Network
- Point to Point Area
- Point to Point Above 40GHz
- Point to Multi-Point Area
- Point to Multi-Point Light

Private Mobile Radios

Maritime

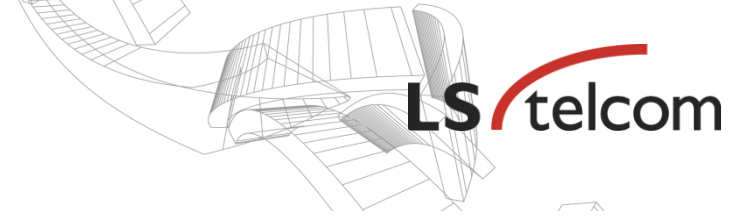
Satellite

RadioDetermination

Equipment

Online License Application  
Supporting All Relevant Services

# Frequency Assignment





# Frequency Assignment



TRA Home

Fields marked as required. Please ensure to not leave them empty.

Scheme Map

Longitude: 0° 40' 13" East

Latitude: 51° 13' 46" North

Site A Information

Site Name: Site A

Longitude\*: 6° 46' 13" E

Latitude\*: 51° 13' 46" N

Longitude: 0° 35' 09" East

Latitude: 51° 06' 07" North

Passive Reflector

Site Name: Passive Reflector

Longitude\*: 6° 35' 9" E

Latitude\*: 51° 6' 67" N

Longitude: 0° 57' 04" East

Latitude: 50° 56' 23" North

Site B Information

Site Name: Site B

Longitude\*: 6° 57' 04" E

Latitude\*: 50° 56' 23" N

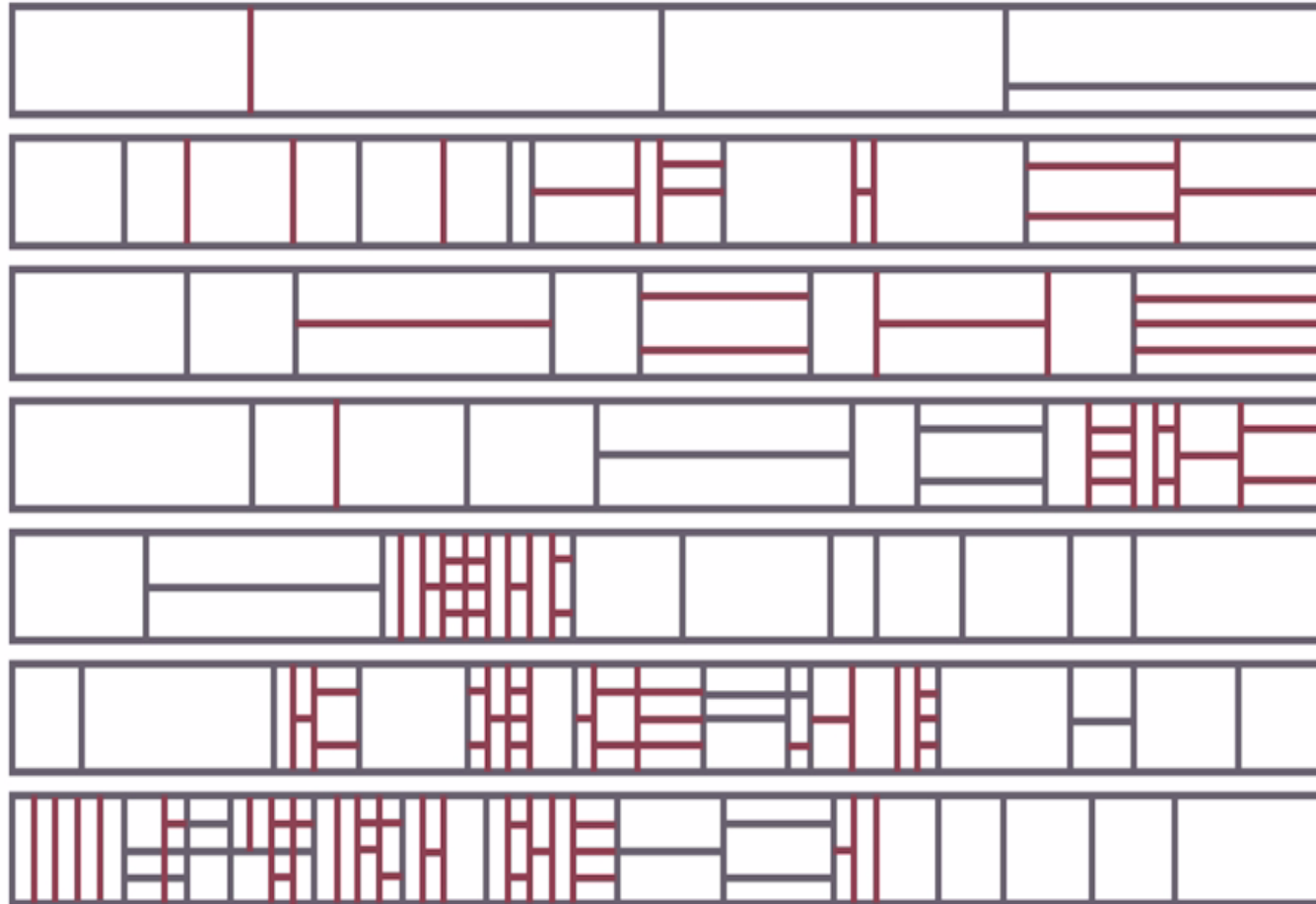
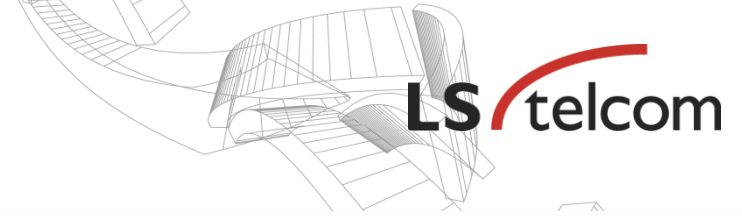
Additional Information

Street

Online License Application

Workflows Guide the User Through the Application Process

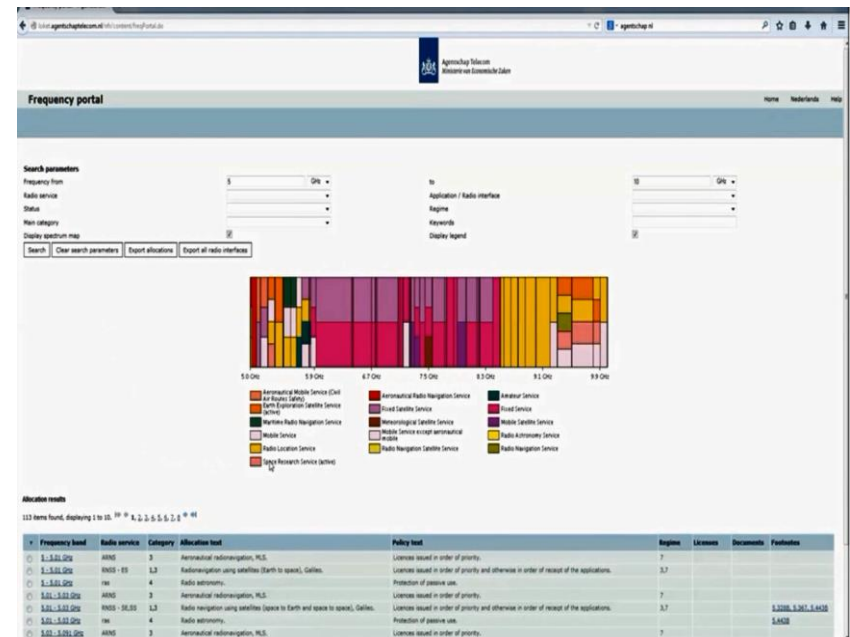
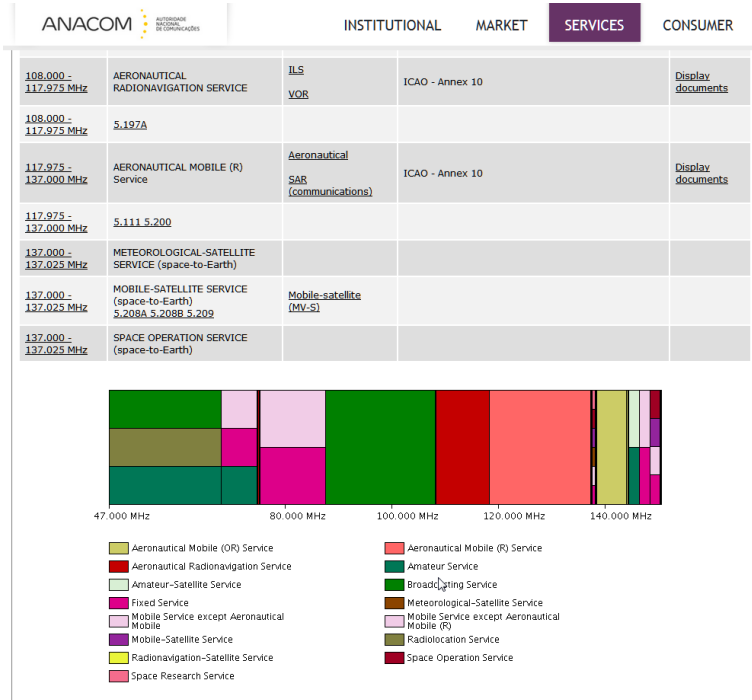
# Frequency Plans

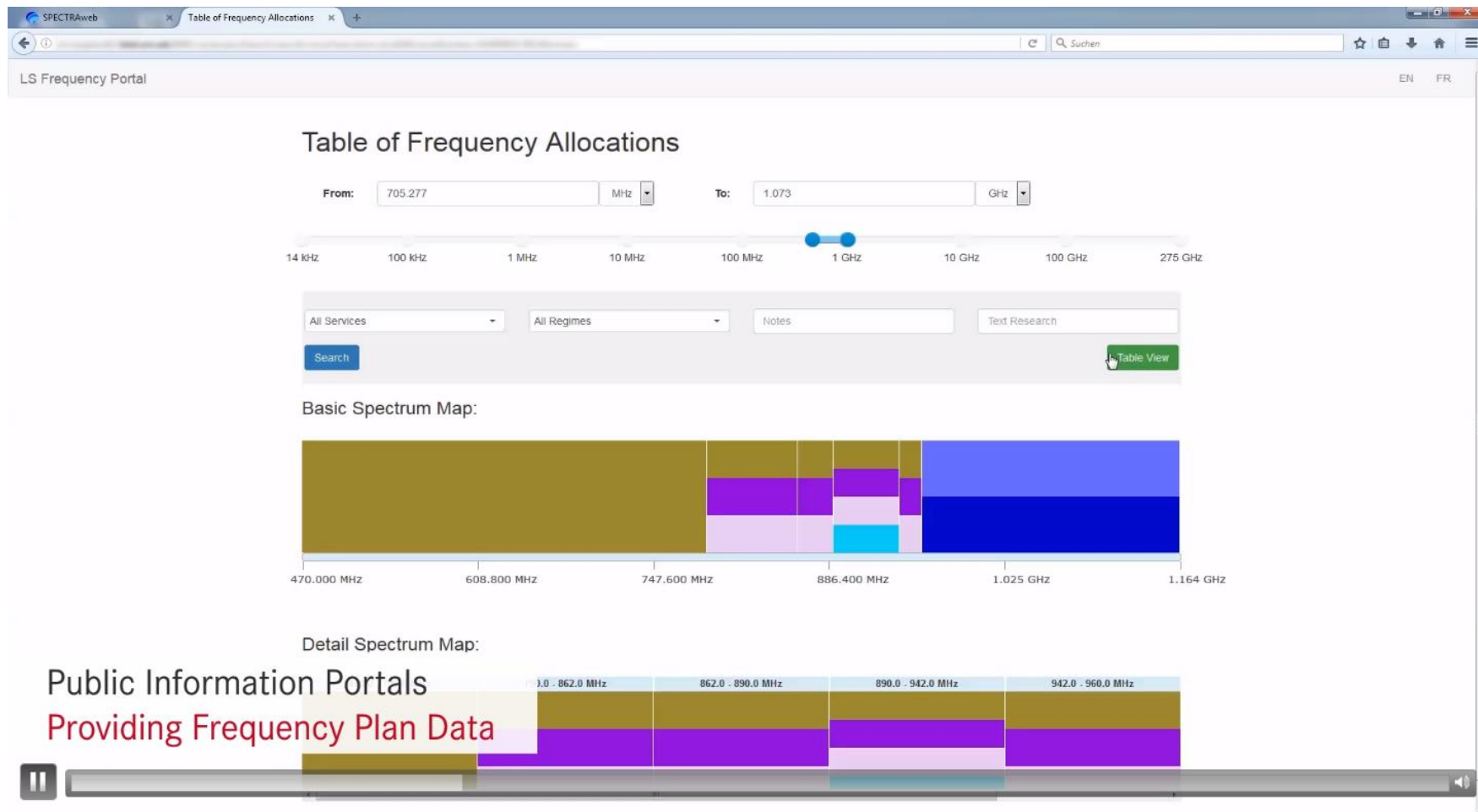


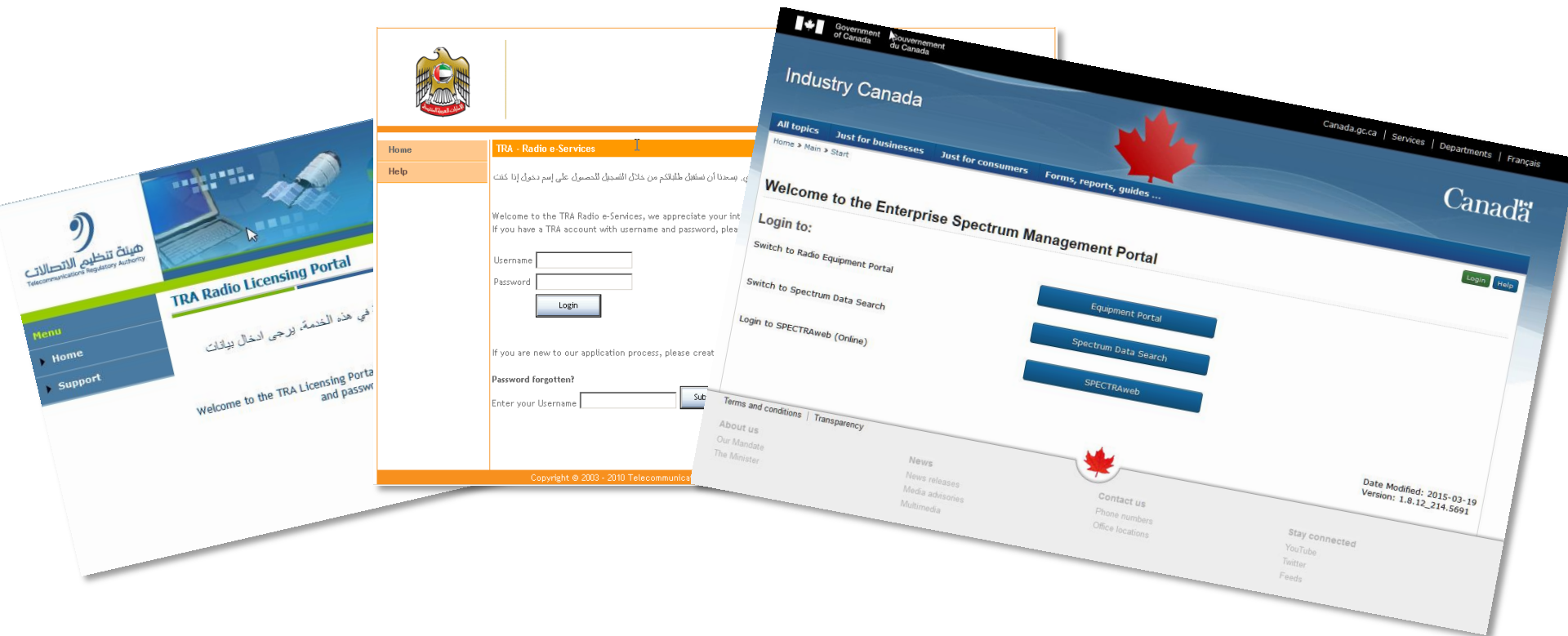


# SPECTRAweb

## Information Portals



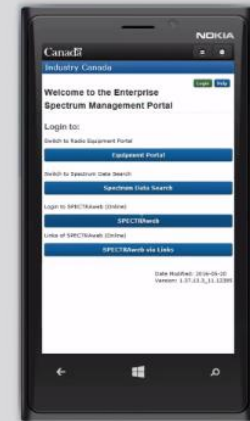
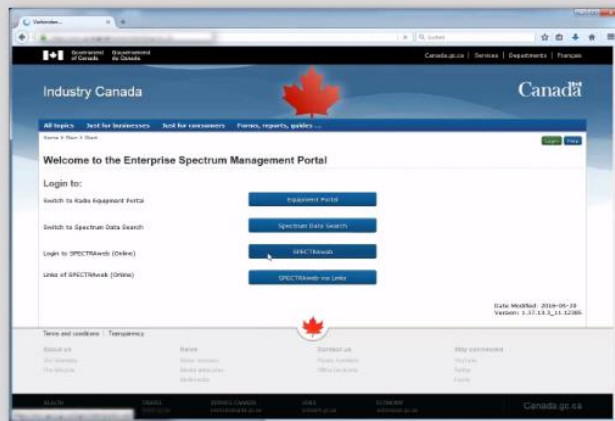




# SPECTRAweb Responsive Design

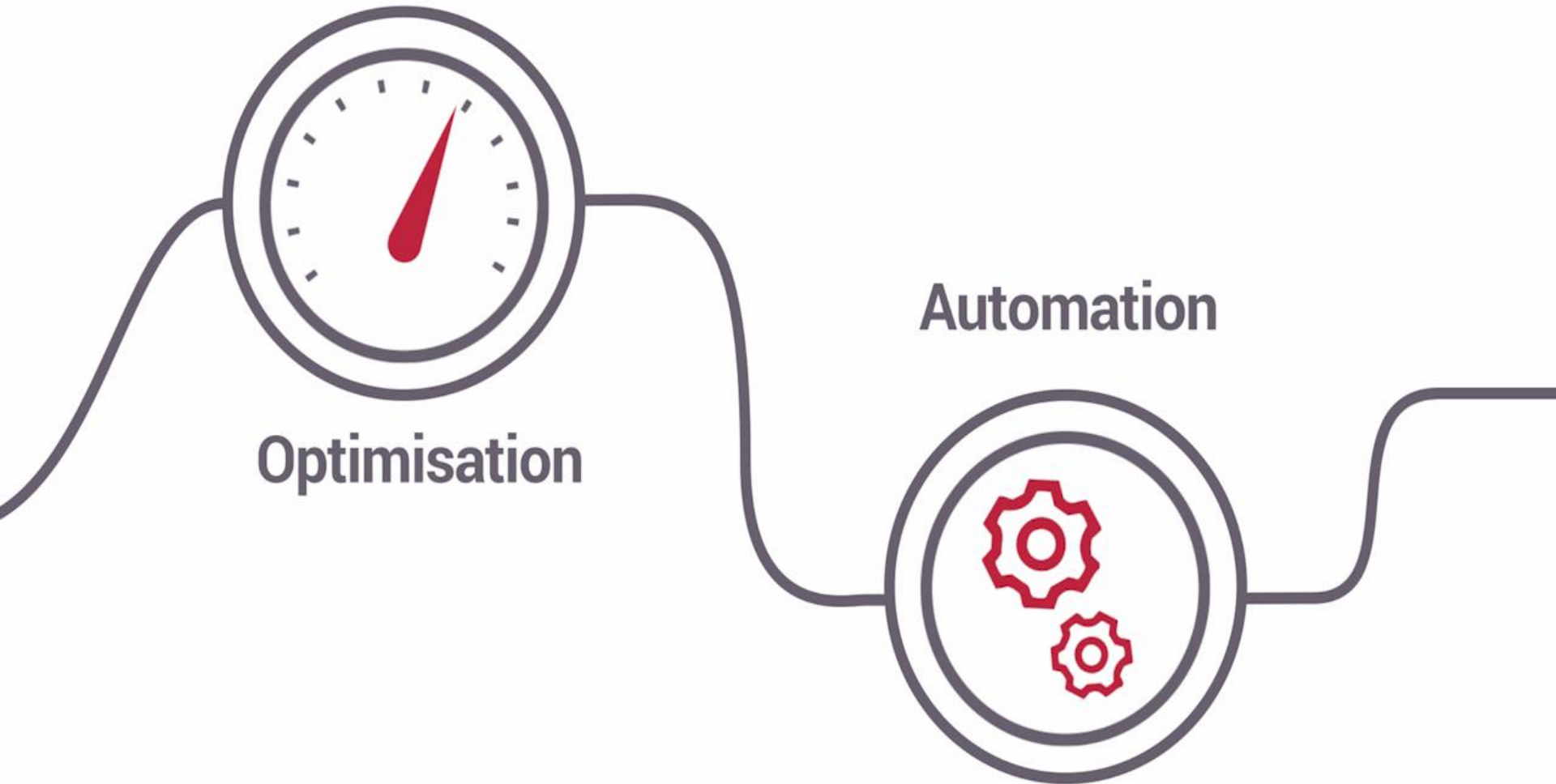


## Supporting Latest Web and Mobile Technologies







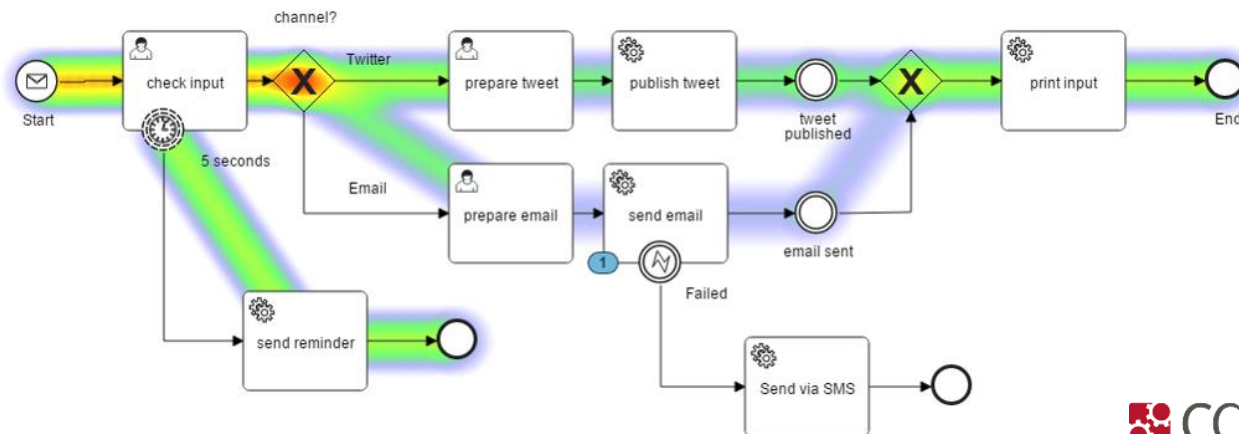
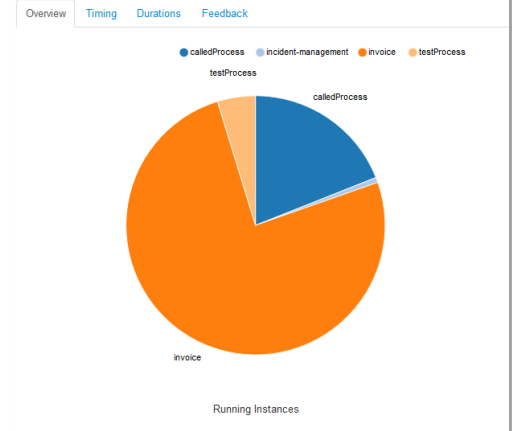


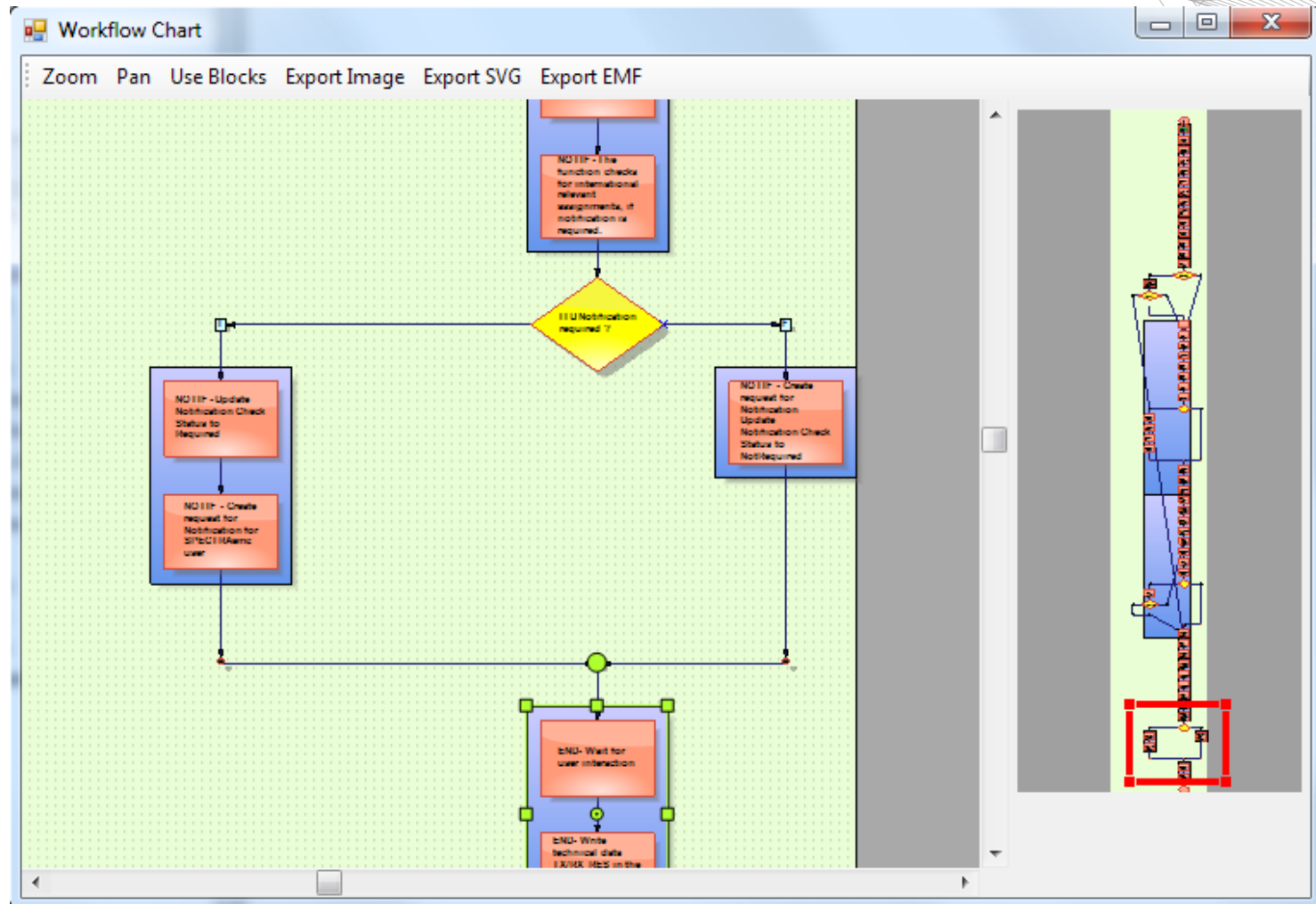




- Event Logging & Information about completed transactions
- Dashboards for statistics and analysis
- Special Reports based on BPMN

### Statistics & Analytics

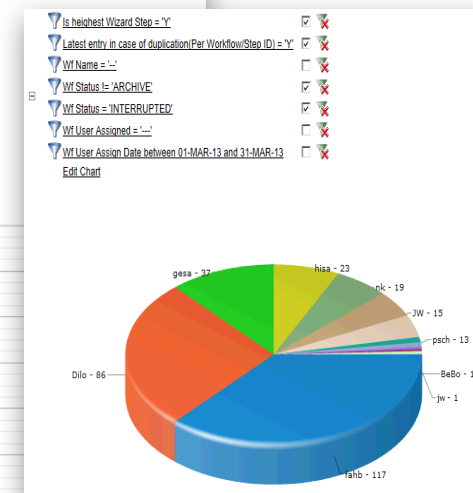
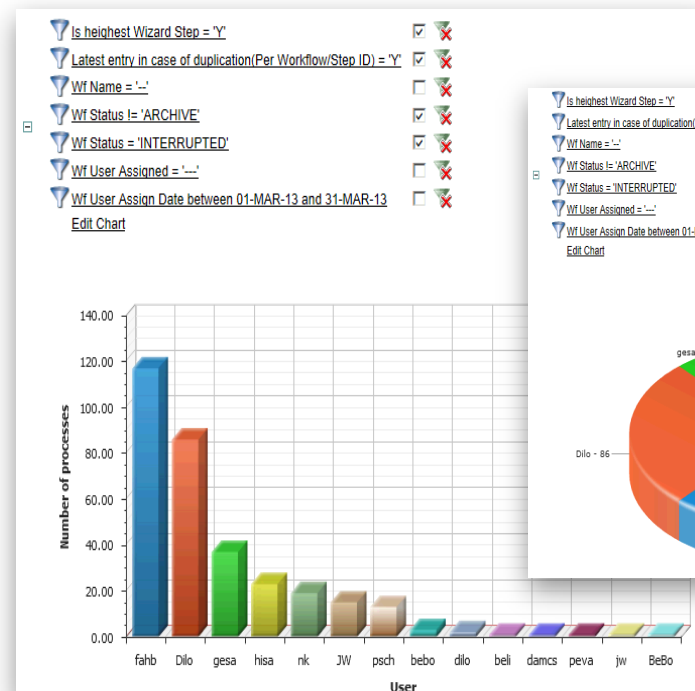
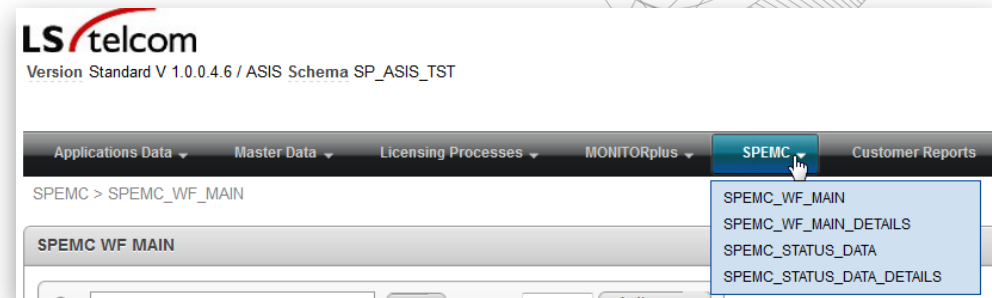




# SPECTRA

## Management Information System

- Management Reports based on KPIs
- Interactive Statistics on all integrated workflow activities
  - Licensing / Billing
  - Frequency Assignment
  - National and International Coordination
  - Monitoring Inspections
- Crystal Reports



Interested in more?

[www.lstelcom.com](http://www.lstelcom.com)

Dr. Witold Thaul  
[wthaul@lstelcom.com](mailto:wthaul@lstelcom.com)



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