



KYSTVERKET

Regional server status 7th meeting

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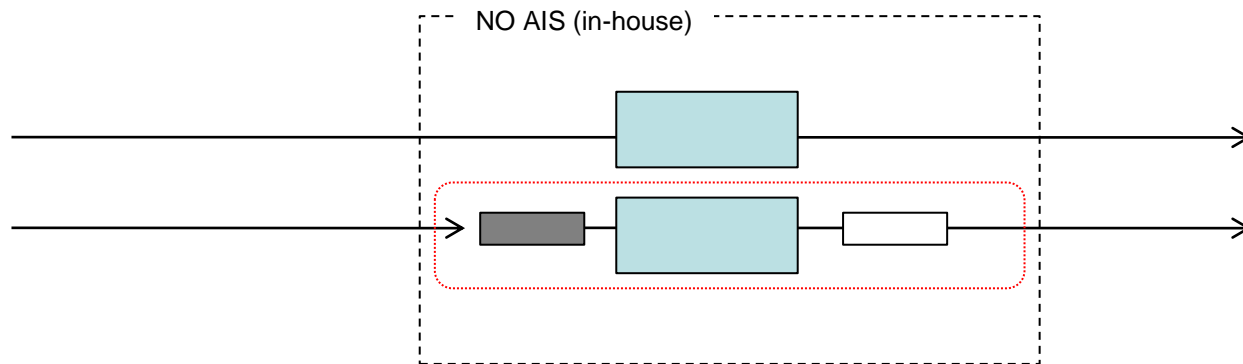
Regional server status

- System in operations since 2010
- Main system AIS services
 - Collection
 - Storing
 - Filtering
 - Distribution
- System based on “off the shelf” HW & SW
 - No time consuming specification & tender process
 - Less expensive ?
 - Mature SW with high quality
 - ITU/IEC/IALA compliant
- Missing SSL/TSL encryption.



Regional server status cont ...

- Installed in parallel with the Norwegian AIS system
- SSN proxies also “integrated” in the AIS system.



- Planning for other arrangements



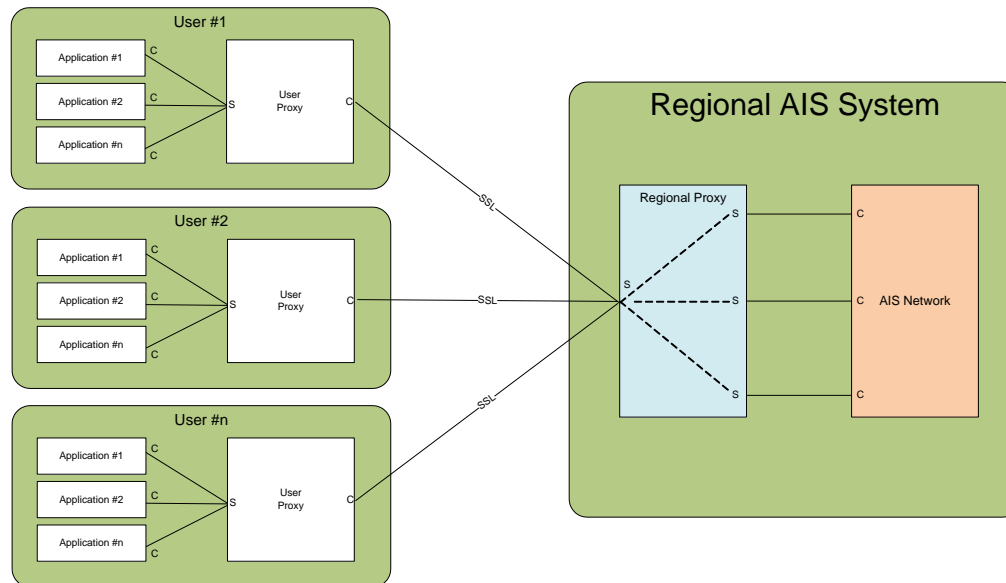
Regional server status and plans

- Moving system to a Application Service Provider (ASP)
 - Higher degree of professionalism regarding SW/HW operation
 - Very good Service Level Agreement (SLA)
 - Better flexibility and economy in operation
- Developing a “*one purpose*” AIS Proxy Service



Pure SSL proxy

- Developing a piece of SW with one purpose; **encryption**
AIS Proxy Service (APS) will provide a secure data channel to transmit and receive AIS data to a Regional AIS System.



Regional server conclusions

- Moving system out-house
- Establishing SSL encryption

