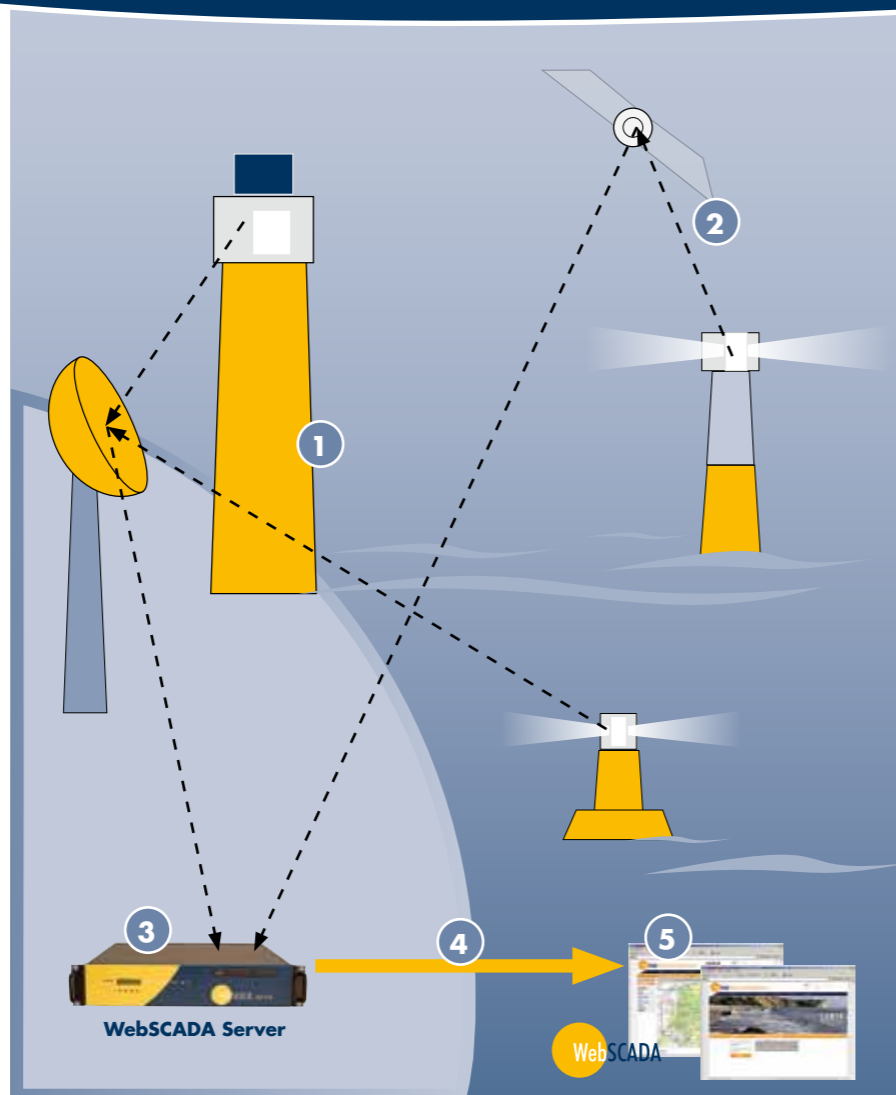


WebSCADA

LightGuard Basestation for Remote Monitoring & Control

WebSCADA presents status data and trends of information on AtoN performance. This information can be used for maintenance planning and design of replacement.

- Alarm Log
- Dashboard highlights outstations with active alarms or with no regular reporting
- Web based user interface
- Two way communication to outstation by SMS, e-mail, Inmarsat or AIS
- Easy setup of new stations and alarms - no programming needed
- All data sent from outstations are stored in a SQL Database
- SOAP (Web services) offered for integration with third party IT-system e.g. Maintenance or Facility management software
- System administration console for basic configuration, trouble shooting and backup/restore
- Login to the WebSCADA server internet or intranet with a standard web browser
- Generates alarm messages by e-mail, or SMS to dedicated recipients
- Amount of information displayed can be different depending on Login e.g. simple status information for VTS officer and detailed information for the AtoN engineer



- 1 Fixed or floating AtoNs with LightGuard outstation hardware installed
- 2 Data are transmitted via GSM, Satellite or AIS to land based communication network
- 3 All data are delivered to the WebSCADA server
- 4 WebSCADA issues alarm messages to officer on duty in case of an critical event
- 5 5 Users can access WebSCADA with a standard web browser



Process view

Graphics illustrating the outstation system can be used as background with actual measured values in the front.



Report view

Actual measured values and status information are presented in a table together with photos, illustrations or trend diagrams.



Analyzer

With the analyzer measured data from different outstations can be compared. Data can also be exported to a spreadsheet for further analyses or reporting.



Setup

Setting up new stations and data presentation is easy and assisted with predefined layouts.



Login

For access to WebSCADA each user has his personal login and password. The system administrator can decide what information each user may access.



Map view

For overview and easy navigation outstations are plotted on a map with zoom function.



WebSCADA Server

WebSCADA can be delivered pre-installed and ready to run complete with Server hardware.