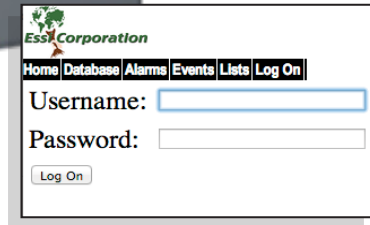


Transceiver with Smart Field Technology



Smart Field Monitoring

Minimizing the need for dedicated personnel to physically inspect remote devices, the Essi Corporation Smart Field Monitoring reduces your overall cost, exposure and liability.

Essi's proprietary **Smart Field** technology collects and transmits operational data from our BrightStar Class A 3nm-5nm lanterns and .05 or 2 nautical mile fog signals via an SSL secured interface.

Essi Corporation
 Phone: (337) 837-Essi (3774)
 Fax: (337) 837-3712
 www.essicorp.com

Through alerts sent via email, text or voice, our customers are immediately aware of any device outage, low voltage, fault, malfunction or incident of non-compliance. Essi's **Smart Field Monitoring** features triple redundant power supply, data storage and internet backbone to maximize security and performance.

Monitored data includes:

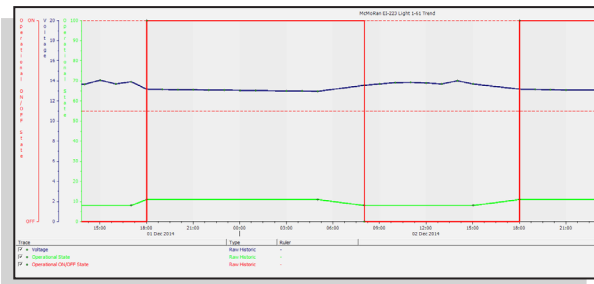
- Battery voltage
- Lantern operational status (on/off state)
- Fog signal operational status (2 hour delay, horn muted)
- Faults and malfunctions (driver failure)

Applications: Monitoring operational status for marine lantern (Brightstar 5nm model) and Essi FaradicWave Fog Signals (models FW/6, FW/3 and FW/1)

Screenshots of the Smart Field Monitoring Online Interface

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		Voltage	Flashing	Error	OP State	LAST UPDATE
Trend	LIGHT 1 - 61	12.99	Sleeping			12/5/2014 7:20:36.169 AM
Trend	LIGHT 2 - 62	12.64	Sleeping			12/5/2014 6:40:48.897 AM

	Voltage	Status	Fault	Driver Current	LAST UPDATE	
Trend	FW3 Fog Horn	12.32	1	No Fault	272	12/5/2014 7:00:24.952 AM



	VOLTAGE	FLASHING	ERROR	OP STATE	LAST UPDATE
Trend	LIGHT 1 -61	13.12	Sleeping		12/3/2014 7:00:56.709 AM
Trend	LIGHT 2 -62	13.12	Sleeping		12/3/2014 7:30:31.776 AM

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