**Mini SCADA System Customization Project Form**

**Project Title:**

**Client Information:**

* Company Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Contact Person: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Project Requirements:** Please select the options you would like to include in your easYview mini SCADA system customization:

1. **Single Line Diagram:**
	* create a single line diagram in the easYview miniSCADA system based on the attached drawing

Drawing received: YES / NO

1. **Alarm List:**
	* Include a list containing all alarms of all controllers from which we obtain the alarm data.
	* Additional Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **Error Memory:**
	* Include an event log of the alarms, containing current alarms and a log of past alarms and errors, possibly specific events as well.
	* Additional Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. **Typical Values for Motor and Generator:**
	* Display typical values for motor and generator values of a back-up power system
	Please remove / strike-out the ones, which are NOT needed:
	Electrical Parameters (Voltage, Current / Phase Currents (A), Frequency, Active Power (kW), Reactive Power (kVAR), Engine Speed (RPM), Engine Temperature (graphical?), Coolant Temperature (°C or °F), Oil Pressure (bar or psi), Fuel Tank Level (% or Liters/Gallons), Running/Stopped, Load/No Load, Synchronization Status (if applicable), Battery Voltage Low/High (green / red),
	* Additional Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. **VNC Remote Access:**
	* Enable VNC remote access to each device.
	* Additional Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. **Configurable Trends Over Time:**
	* Include configurable trends over time
	Possible charting data:
	* Additional Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. **Active Control Buttons:**
	* Include active control buttons for starting, stopping, and resetting alarms (recommended with caution for security reasons).
	* Use VNC remote access with password levels for more secure control.
	* Additional Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. **Validation & Verification:**
	* Woodward validation and verification process required
	standard products of pass through an extensive validation and verification process. (*We recommend to limit the Woodward validation & verification to a minimum (such as ‘active control buttons only’)*validation and verification limited to: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	* Validation and verification by client

**Collaboration to Cost:***(feedback by Woodward)*

* To optimize the value per EUR / USD spent, one could consider to remove or simplify the following function:
	+ Budget optimization by \_\_\_\_\_\_\_\_\_ EUR / USD by removing / modifying function: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ Budget optimization by \_\_\_\_\_\_\_\_\_ EUR / USD by removing / modifying function: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ Budget optimization by \_\_\_\_\_\_\_\_\_ EUR / USD by removing / modifying function: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Rough Effort & Cost Estimate:**

* Please provide any additional options or requirements you have, and we will include them in our cost estimate.
	+ Additional Requirements: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Timeline:**

* When do you need this customization project to be finished?
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Charging Systematics: Please select your preferred charging method for this project:**

* based on engineering effort with hourly rates:
	+ hourly rate: \_\_\_\_\_\_\_\_\_\_ EUR/hour
	+ estimated hours: \_\_\_\_\_\_\_\_\_\_ hours (to be confirmed after requirement analysis)
* fixed pricing:
	+ fixed price: \_\_\_\_\_\_\_\_\_\_ EUR (requires a detailed requirement alignment upfront)
	+ Additional Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Approval & Signature:**

* By signing below, you approve the selected customization options and agree to receive a detailed cost estimate.
	+ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Additional Comments:**

**For Office Use Only:**

* Form Received By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Date Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Project ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Project Prioritization:**

Will this project impact the timeline or resources of other ongoing projects?
*(Potentially upcoming prioritization decisions will be coordinated through the Product Manager and Project Manager.)*

* + Yes, projects are impacted
	+ No, this miniSCADA customization causes no relevant project impact

Please return this form to Woodward via email. For any questions or further assistance, contact us!

Thank you for choosing easYview for your SCADA system customization needs!