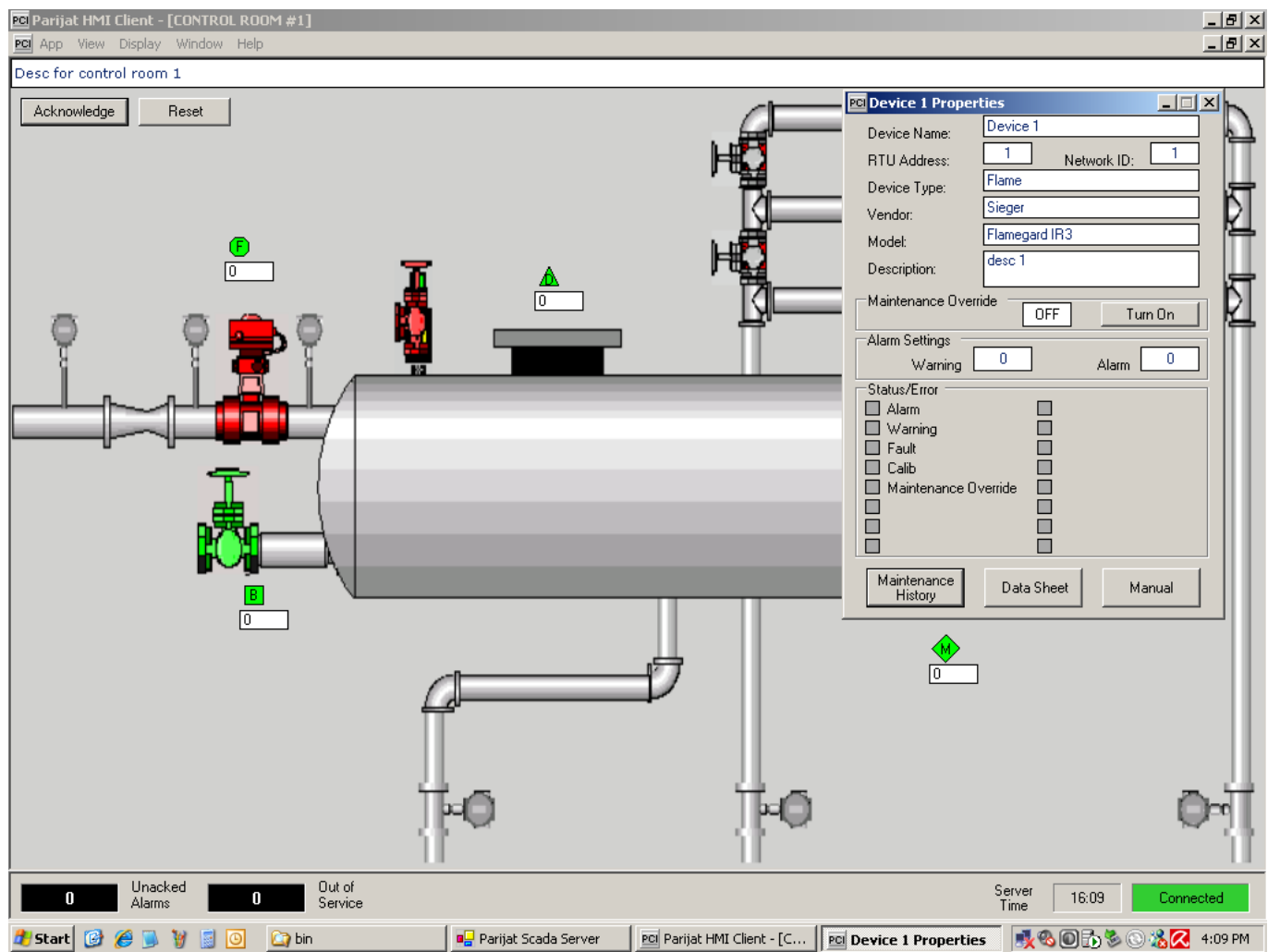


## FIRE & GAS SYSTEM SOFTWARE

PCI Fire & Gas System operates as an intelligent GUI front-end to a variety of existing Fire & Gas detectors from various vendors & can be easily adapted to other vendor's products that provide a communications port, with an open protocol. It allows you to configure F&G devices as an overlay on top of any user created graphical images that may be plot plans etc. The run-time system communicates & updates the displays with live data. Drill-down details, diagnostics, documentations are available. Other general features are provided below:

- PCI **F&G System** supports products from several F&G vendors and manufacturers.
- Allows you to combining them in any combination and quantities.
- Supports unlimited quantity of devices on up to 255 comports and unlimited IP addresses for TCP/IP.
- Also allows combining the Fire & Gas detectors with the PLC and other smart industrial devices.

### SAMPLE SCREEN



The screenshot displays the PCI Parijat HMI Client software interface. The main window shows a graphical representation of a control room, labeled "Desc for control room 1". It features a large cylindrical tank with various pipes, valves, and sensors. A "Device 1 Properties" dialog box is open on the right, providing configuration details for a specific device. The dialog box includes fields for Device Name, RTU Address, Network ID, Device Type, Vendor, Model, and Description. It also has sections for Maintenance Override, Alarm Settings, and Status/Error, along with buttons for Maintenance History, Data Sheet, and Manual. The bottom status bar shows "Unacked Alarms: 0", "Out of Service: 0", "Server Time: 16:09", and "Connected".

**Device 1 Properties**

Device Name: Device 1  
 RTU Address: 1 Network ID: 1  
 Device Type: Flame  
 Vendor: Sieger  
 Model: Flamegard IR3  
 Description: desc 1

Maintenance Override: OFF Turn On

Alarm Settings  
 Warning: 0 Alarm: 0

Status/Error

<input type="checkbox"/>	Alarm	<input type="checkbox"/>
<input type="checkbox"/>	Warning	<input type="checkbox"/>
<input type="checkbox"/>	Fault	<input type="checkbox"/>
<input type="checkbox"/>	Calib	<input type="checkbox"/>
<input type="checkbox"/>	Maintenance Override	<input type="checkbox"/>
<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>		<input type="checkbox"/>

Maintenance History Data Sheet Manual

Unacked Alarms: 0 Out of Service: 0 Server Time: 16:09 Connected



- Allows creating as many user displays with background graphics files of type: jpeg, wmf, pic, bmp, etc. The background display may be dynamically changed.
- Supports live video if available with live measurement data.
- May show time progression map of how an event progressed.
- May store event related historical data.
- May replace a PLC, if needed.
- Allows usage of artificial intelligence or rules for reporting & reaction to events.
- Allows interactive interface to other systems via variety of means – Modbus, MS SQL Server database, MS .NET, OPC, ODBC, etc.
- Continuously monitors all areas for abnormal conditions. In the event of a hazardous situation being detected, the system shall initiate the pre-determined alarms and protective actions to warn personnel of a fire or gas incident.
- Complete maintenance history & device user documentation is also supported.

7/28/16

General Info about PCI products/projects: [Click here](#)

Parijat License: [Click here](#)

Tech-support on PCI drivers: [Click here](#)