

**Some Of Our Other Services Include:**

- **System Maintenance**
- **On-site Installation and Commissioning**
- **Trials Maintenance**
- **Data Collection Analysis and Reporting**
- **Stress Analysis**
- **Design Evaluation**
- **Service Contracts**
- **Torque Trials**
- **Special Inspections and Assessments**
- **Service Training Course**

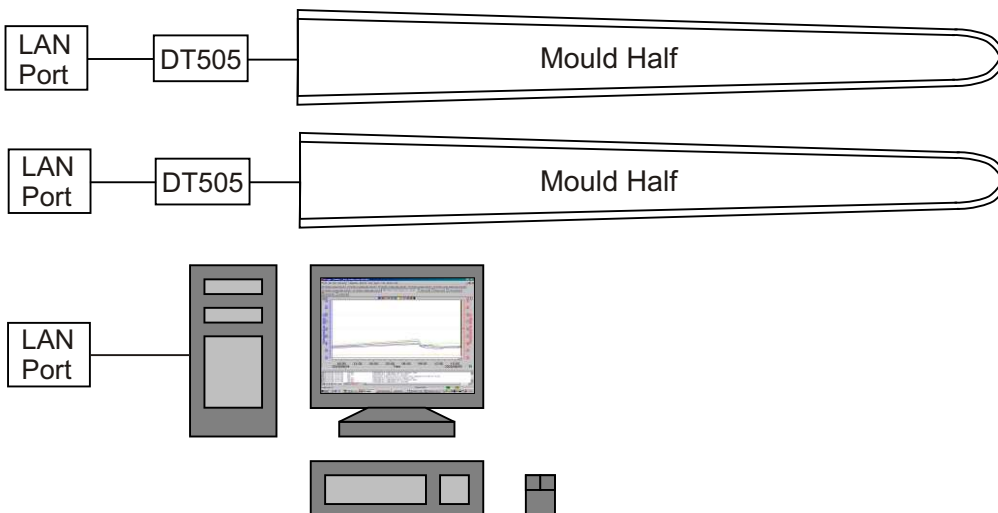


**Project : NEG-Micon**

NEG-Micon are a leading manufacturer and supplier of wind turbine rotor blades and hubs, which are manufactured using a wood-epoxy composite. The manufacturing process incorporates pressure and temperature to cure and form the blades, the monitoring of which is essential for quality control and post process analysis.

Strainstall supplied a fully automated data monitoring system to enable the acquisition, real-time monitoring and analysis of the temperature and pressure occurring on the blade moulds during the manufacturing process. This was achieved by using thermocouples and pressure transducers connected to data acquisition units.

The system consisted of a DT505 data acquisition unit on each mould half (10 in total). These were then connected using an Ethernet link to the LAN (local area network). A PC located in the engineering office runs the Delogger software, which enables data to be viewed, downloaded and analysed from all ten data acquisition units.



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The software displays the data in trend and tabular format. Data is automatically downloaded in a .csv format from the data acquisition units at 3am every morning to a file within the LAN. This process enables post acquisition processing and analysis of data by any user within the company.

