

Markets:

Utilities

Control and Instrumentation

Rainford Solutions is an established designer and manufacturer of the specialist cabinets used in utilities installations to house monitoring, relay and control equipment.

The range includes both Outdoor Marshalling Kiosks and Indoor Instrumentation Cabinets.



Outdoor Marshalling Kiosk



Indoor Instrumentation Cabinets

Applications:

- *Utilities (Water, Electricity and Gas),*
- *Power Stations,*
- *Substations,*
- *Wind-farms,*

Key features and benefits:

Outdoor Kiosks:

- *Single or Double Bay,*
- *IP55 rating,*
- *Heaters and Anticondensation paint finish to insides.*

Indoor Cabinets:

- *19 inch or equipment specific mounting practice,*
- *Standard sizes:*
 - Height 42U or 47U,*
 - Width 600 or 800mm,*
 - Depth 600, 800 or 900mm*
- *available with or without swing frame,*
- *full front and rear access,*
- *enclosures can be stand-alone or bayed together to form continuous suites,*
- *external colour to customer specifications, internal finish gloss white.*



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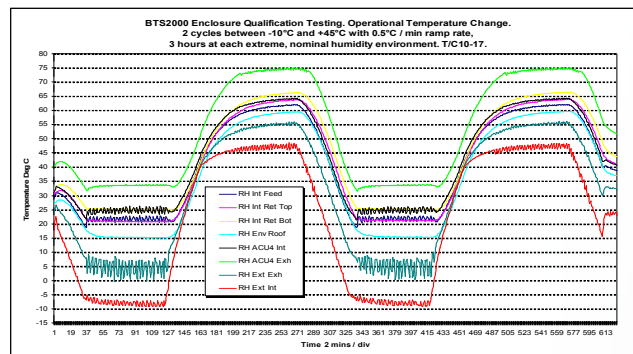
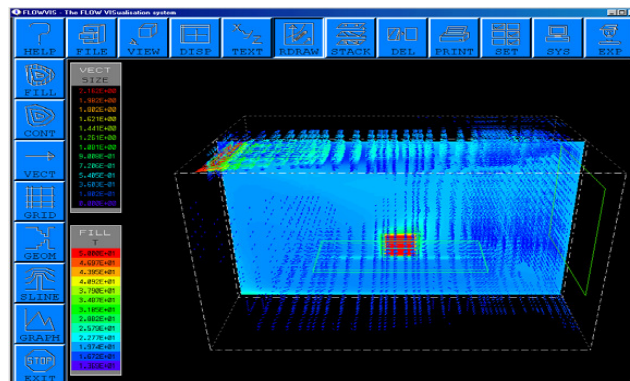
Design and development:

Our engineering and development capabilities include extensive in-house mechanical modelling and CAD/CAM facilities and our core competencies include:

- *EMC (electromagnetic shielding and compatibility assessments),*
- *Mechanical protection (shock and vibration),*
- *Thermal analysis,*
- *Physical protection (Vandal resistance) and*
- *Acoustic noise (measurement and suppression).*

We can offer both a range of standard enclosures together with bespoke technical solutions to suit the requirements of a specific project or site conditions.

For further technical details please contact our office (details below).



Examples of Thermal Analysis and Characterisation Testing

Manufacturing:

- 80,000 sq ft facility,
- ISO 9001: 2005 approved,
- All major processes in-house,
- Materials:

- **Mild Steel,**
- **Zintec,**
- **Stainless Steel,**
- **Aluminium** (sheet and extrusions)

