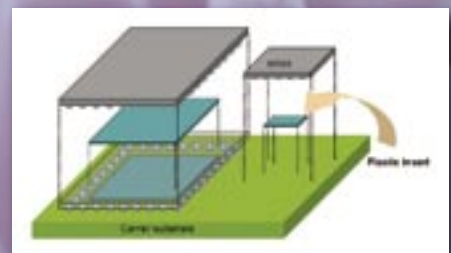


## Miniaturised Health & Usage Monitoring Systems (MicroHUMS)

- **Miniaturised HUMS units containing sensors & on-line test functions**
- **Library of MEMS and electronic self-test functions for bespoke HUMS**
- **A Cluster of experts :**
  - \* Heriot-Watt University, Lancaster University, CNRS Montpellier, BCF Designs, ISLI and BUTE
- **Services**
  - \* Feasibility studies on embedded HUMS solutions systems where periodic or continuous diagnostics or condition monitoring is required
  - \* Access to extensive information database and consultancy on methods to achieve on-line test, fault tolerance and diagnostic capabilities
  - \* Design service for HUMS sensors based on microtechnologies (temperature, stress, humidity, EM fields etc) and electrical self-test functions
  - \* Prototyping facility (silicon or board based)

**Enquiries:** Lorna Quinn PATENT-DfMM Service Clusters  
Lancaster University, Lancaster, LA1 4YR.  
Tel ++44 1524 593053  
email: [services@patent-dfmm.org](mailto:services@patent-dfmm.org)

Integration into SiP systems with Philips Semiconductors



Microsensors for aircraft wiring monitoring – UK AiGT

