

## Case Study

Flexible, high speed subcontract service for low volume prototype work

**Customer:** Delphi Corporation, UK

**Delphi is a global manufacturer of Automotive Electronics and is ranked as the largest and most diversified supplier of automotive parts, with facilities all over the world.**

### The Challenge

Delphi Liverpool approached SCH in Jan 2006 to carry out conformal coating work. Their facility produces many thousands of coated PCBs in mass production lines but found they required a flexible, high speed subcontract service for their low volume prototype work.

Since Delphi use selective coating robots in their process line, it was imperative that SCH replicate the same spray process. Also, speed of coating process for the boards was critical. In many cases, the coated boards would need to be returned to Delphi the same day they were received.

### The Solution

After consultation and initial coating trials a solution was developed that proved ideal for Delphi.

SCH now coat PCBs to Delphi's extremely high standards, using their PVA robotic spray system, and also meet the exacting lead times every time as demanded by Delphi's global customers.



The NAV200 made by Delphi

### What Delphi Had to Say

"SCH has provided Delphi Design and Development Group based in Liverpool with an excellent Conformal Coat Service. SCH's ability to meet Delphi's timing and quality goals has been exceptional. Their knowledge of PCB coating gave us high confidence in the beginning; they have lived up to our expectations and continue to provide Delphi with an excellent service."