

## JetStream: Creating the perfect finish

### Problem

Customer: Visteon UK Ltd

Visteon UK Ltd is a Tier 1 automotive supplier, which manufactures consoles, instrument clusters and panels for many of the worlds leading automotive companies.

Benefit: To ensure that its painted plastic interior parts are of the highest possible standard, Visteon's robotic paint line has had a Meech JetStream ionising air knife system installed from day one.

Case Study: The robotic paint at the Visteon factory runs 24/7 and, in order to meet the exacting standards of their customers including prestigious names such as Jaguar and Land Rover, both the quality of the finished product and the efficiency of the line are paramount.

When Visteon were designing and building their paint line. they knew they wanted to use the best possible solutions available at every stage of the process. The company called in meech engineers who advised that a JetStream ionising air knife system be installed just inside the paint booth.

### Solution

Case Study Continued: As the moulded plastic parts travel along the line, the JetStream system automatically neutralises any static charge and blows off any foreign particles clinging to the surface. This ensures that the interior surface of the component is static free and clear of any dust or fibre contamination before it goes through the robotic spraying process.

The JetStream system was installed when the paint line was first set up and - as we are working 24/7 - it has proved to be both robust and reliable. It is a vital part of our quality control procedure and is a major contributor in keeping our reject numbers extremely low.

Paint Facility Engineer, Visteon UK Ltd

Fig.



## APPLICATION NOTE

Meech International

2 Network Point  
Range Road, Witney  
OX29 0YD, UK

Tel: +44 (0) 1993 706700

Fax: +44 (0) 1993 776977  
email: sales@meech.com