

MEET AST AT UPCOMING EVENTS

AST Technology will be participating in more events this year, including the K 2013 and Euromold trade fairs.

K 2013 will take place on 16-23 October in Düsseldorf, Germany. Look for the AST team in Hall 01, Stand E36. Visit www.k-online.de for additional details.

During Euromold (www.euromold.com), which will be held on 3-6 December in Frankfurt, Germany, the AST team will be located with sister company Progressive Components in Hall 9.0, Stand B53.

At both events, stop by to learn about the latest editions of the **CVe Monitor** and **OnDemand** Software system. AST will demonstrate new features and also showcase its unique array of services, including part design optimisation, tool standard development, tool design reviews, moulding process reviews and optimisation, and management of the documentation throughout the process.



OPTIMISING THE DESIGN TO MANUFACTURE PROCESS

Philip Parmenter, AST Technology's Managing Director, was a featured speaker at the recent Plastics Design and Moulding (PDM) Exhibition in Telford, UK. His topic at the conference program was "Optimising the Design to Manufacture Process".

"The presentation contains real life case studies that illustrated how important it is to properly optimize the part design for the manufacturing process, along with correctly specifying both the tooling and equipment, and optimizing the process in a structured and methodical way to achieve a world class moulding situation," explained Philip. "Only by ensuring that all four areas are correctly specified and optimised can one achieve truly world class mould performance."

Click **HERE** to view Philip's presentation from PDM 2013. **Email** him with any questions or to enlist AST's services in optimizing your next moulding project.

PDM 2013: Optimising The Design To Manufacture Process
 Philip Parmenter

Case Study – Bottle Cap

- Process optimisation of original design, cycle time reduced by 13% (14.28s – 12.36s)
- 14% reduction in material
- Lower cavitation tooling (32 – 24)
- Elimination of lever gluing operation
- Simplified mould structure – easier maintenance
- Cycle time of optimised part design and tooling

Mobile Phone Front Cover

PC / ABS

Cycle Time

- Difference between 2 suppliers: 9
- Savings from process optimisation: 4
- Savings from Part optimisation: 4
- Final cycle time: 8

Click **HERE** to download a copy of Philip Parmenter's presentation entitled "Optimising the Design to Manufacture Process", presented at PDM 2013.

DID YOU KNOW?

The July/August edition of **Injection World Magazine** features the next installment from AST's General Manager in Germany, Andre Eichhorn.

Titled "Tips for Integrating Hot Runners", Andre discusses the advantages of using hot runner systems, and some important steps and strategies the mould designer should consider during the DFM phase of a project in order to properly determine the type of hot runner system that's required and, ultimately, maximize production by avoiding challenges that could otherwise surface later as the design matures.



Click **HERE** to read Andre's latest article, and click **HERE** to visit AST's website for archived articles and details on products and services offered.