Optimising Daily Production

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Research
www.hvm-uk.com**

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- # Relevance?

  - ## Saving money

  - ## Saving time and reducing customer impact

  - ## Supporting lean-manufacturing

- # Visibility and control in Production

  - ## Location of vehicles

  - ## Process Improvement

  - ## Identifying errors at point of occurrence

- # Aston Martin case study

- # About us

Difficult to oversee all that is happening

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

- Tracking vehicles along the entire assembly line

- Cost and time reduction

- Human error reduced

Large complex environment producing 7000 cars p.a.

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- Tracking vehicles through specific stages

- Specifying process order and dwell time thresholds

- End-to-end visualisation of vehicles

- Reduced re-work and improved quality

Individually built to order

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- Built to order high spec, high cost assets

- Performance design and engineering

- Error-proofing reduces customer impact

Complex manufacturing process

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- Complex, precision manufacturing process

- A rigorous finishing process

- Analysis and optimisation of process ensures efficiency

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End-to-end visibility allows process to be monitored and improved

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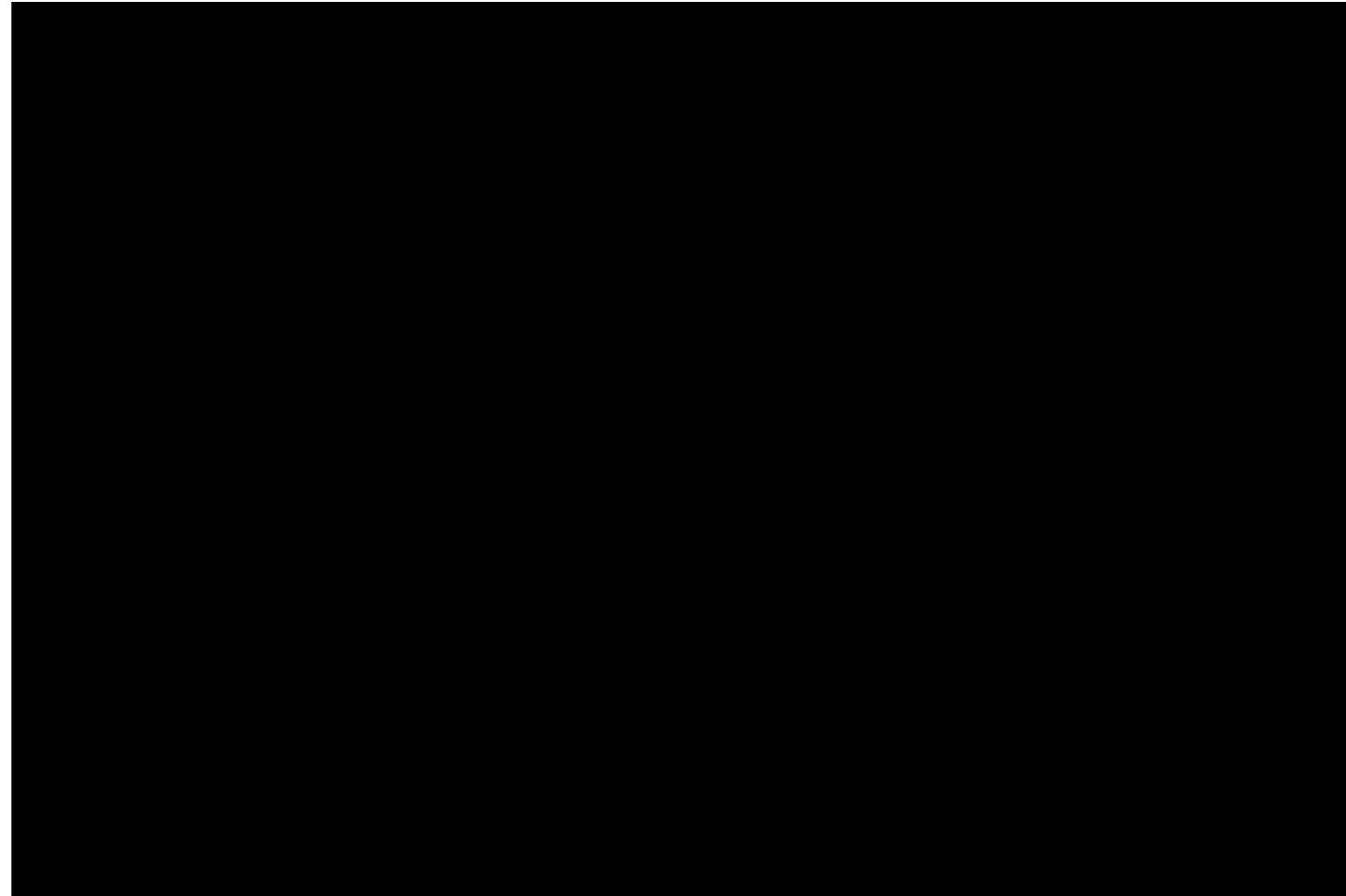
About us

- ◯ **Company**
  - Founded in January 2003 by engineering team from Cambridge University
    - Laboratory for Communication Engineering
    - Researching location for 10 years
  - Experienced international Management Team
  - Headquartered in U.K. with offices in U.S.A., Germany, Singapore, Korea, Australia and New Zealand
  - 100 employees worldwide
- ◯ **Customers**
  - More than 400 customers in 25 countries (09/2009)
  - Deployed in mission critical applications in the Process Industry, Manufacturing and Automotive, Logistics, Military and Events

Some customers – read more at http://www.ubisense.net/en/customers

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