



Capable EHS Software Solutions

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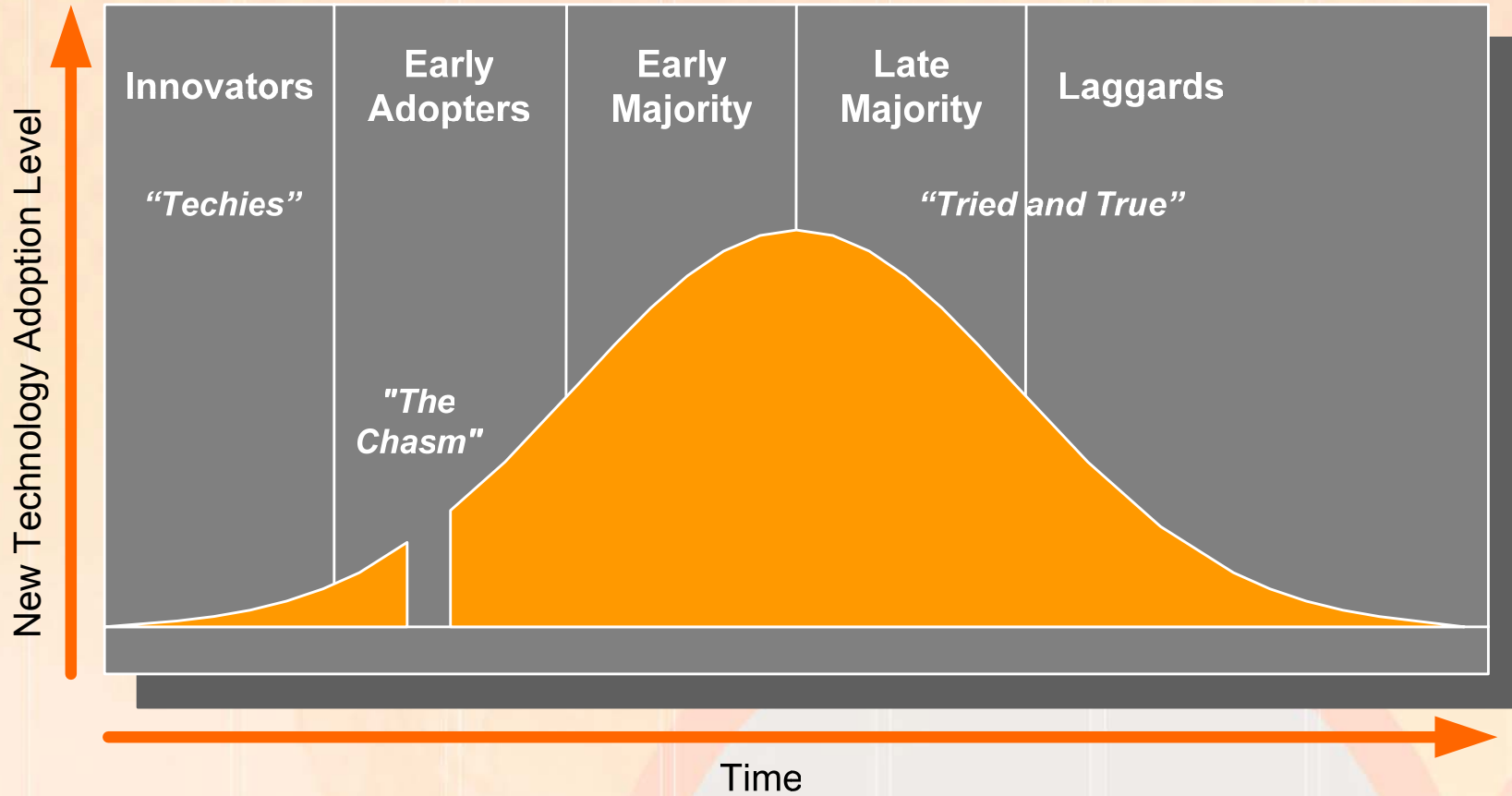
The problem

- ▶▶ *EHS always in state of flux*
- ▶▶ *Complex data, large volume, across the enterprise*
- ▶▶ *Increasing pressure from stakeholders*
- ▶▶ *Doing things manually creates a resource crunch*
- ▶▶ *Many EHS software solutions exist...but what constitutes a capable system?*

The solution

- ▶▶ *Extend accepted IT models and methodologies to EHS software and systems*
 - *Technology Adoption Life Cycle*
 - *Capability Maturity Model*
 - *Agile Development Processes*
- ▶▶ *Evaluate the organization and potential EHS software*

Technology Adoption Life Cycle



Adapted from Moore, Geoffrey A. and Regis McKenna, *Crossing the Chasm*.

Capability Maturity Model

- ▶▶ *Carnegie Mellon Software Engineering Institute*
- ▶▶ *Organization's maturity*
- ▶▶ *Capability to institutionalize continuous improvement processes*

CMM Parallels ISO EMS

CMM Key Process Area	ISO EMS Concept
<i>Goals</i>	<i>Act</i>
<i>Commitment</i>	<i>Leadership Commitment</i>
<i>Ability</i>	<i>Plan</i>
<i>Measurement</i>	<i>Do</i>
<i>Verification</i>	<i>Check</i>

