Paddock to Plate

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What you need to do to support automation in the Meat Industry ?

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Meat Automation Technologies – where are we today ?



Early adopters as shown in the Rogers' bell curve

SCOTT – Meat Automation Technologies

Lamb Boning Room



SCOTT – Meat Automation Technologies - Lamb





Scott – Meat Automation Technologies - Beef



Scott – Meat Automation Technologies - Beef



Beef Scribing



Beef Hock Cutter



Development – EG Beef Split



Carton Palletising



AUTO – Container Loading



BEEF Rib Cutting – OCM X-Ray



Scott – Meat Automation Technologies



Kidney Fat Removal



Rear Steam Sani Vac



Forequarter Steam Sani Vac



Brisket Cutter



BladeStop



ROC – Robotic Ovine Cutter



MAR – Meat Automation Technologies



PALLETISING - SORTATATION - CONBVEYOR - CONTROL SYSTEM AUTOMATION





Plant Management - Lifecycle Approach







1. Who needs to be trained ?





1. Who needs to be trained ?

- Maintenance Technician
- Line Operator
- Production Supervisor



1. Who needs to be trained? 2. What equipment do we train in ? 3. What processes to we train in ? 4. What skill level ? 5. Cost of training? 6. Cost of support ? 7. What are the fall backs? 8. What if we train staff and they leave ? 9. Where can I find skilled people ?



What Training Do We Offer

- Training packages across a range of industries
- Technologies, such as;
 - Robots (ABB, KUKA, FANUC, MOTOMAN, PANASONIC)
 - PLC and PC control Systems (Siemens, Omron, Allen Bradley)
 - Advance Sensing (3D and X-Ray)
 - Servo Drives (SEW, Siemens AB, ABB)
 - SCADA Systems
 - Safety Systems (Rockwell AB, Pilz, Schneider)
 - Mechanical



Technology Examples





Technology Examples



SCOTT



Internet of things & Remote Connectivity



RM System Robot

System PLC



System PC



Sesning & Vision Systems



Training Course & Session Types

- Technology Introduction Sessions
- Operator Basic Operations
- Service and maintenance
- Fault Finding Skills
- Basic Programming & Setup
- Advance Programming & Setup
- System operational setup and configurations
- System Peripherals (Safety, Tooling, Sensing)
- Mechanical, Pneumatic, Hydraulic Maintenance



What Training Do We Offer

- Standard Pre-Defined Training Courses
- Training Sessions Customised to suit
 - Industry Specific
 - Technology Brands (e.g. SIEMENS vs. AB)
 - Technology use in Pant
 - Trainee level of knowledge
 - Specific Training Needs (client)
 - Hands On Training
 - Classroom Training



MAR – Mobile Meat Industry Robot Training Cell



