



MATRIX INTERNATIONAL (UK) LTD.

BASIC PROJECT OVERVIEW

Basic list of Operations for Automotive Robot System

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1 Abstract

Matrix implemented the software, Electrical and SCADA system for a Automotive part manufacture.

2 Machine Assets

- Robots
- Conveyors
- Turntables

3 Process Function

- JIT conveyor systems.
- Robot control order and sequence for welding and attachment.

4 Software Function

- Recipe handling - via a SCADA system
- Maintenance reporting - Sensors report state of various critical parts to aid in maintenance process pre-emptively.
- Part Tracking - MES system to ensure a paper trail for batches of product.
- Reporting - for information with respect to how to improve the system.