$$\left[\begin{matrix} \bullet & \bullet \\ \bullet & \bullet \end{matrix} \right]$$

Matrix International (UK) Ltd.

Basic Project Overview

Basic list of Operations for Material Handling System

Contents

1 Abstract

Matrix implemented the software, Electrical and SCADA system for a Material Handling System.

2 Machine Assets

- Conveyors

- Cranes/TurnTables/tote/pallet

- Storage/Warehousing

3 Process Function

- Ideal path for movement of Material.

- Dynamic Storage for most in demand product.

- Routing for most effective devlivery of product.

- Transfer and packaging from numerous items to singlar pallet.

4 Software Function

- Recipie handling - via a SCADA system

- Maintence reporting - Sensors report state of various critical parts to aid in maitenece process pre-emptively.

- Part Tracking - MES system to ensure a paper trail for batches of product.

- Reporting - for information with respect to how to imporve the system.