

TO-BE PROCESS (Solution Design)

Project Title: Production Management Optimization System (PMOS) for SMEs

Prepared by: Dean Pham

Role: Business Analyst

Fig 1.2: TO-BE Process (Proposed Solution) Synchronize Attendance Data with PMOS Database Employee Clocks in Production Management Optimization System Process Generate Daily Production Schedule **HR** Department (Automated) Schedule (in PMOS) Production Operate Machine & Record Real-time Data Collection (Output, Downtime, Defects) Digital Schedule Centralized Data Platform Automated Reporting Real-time Visibility Calculate KPIS (OEE, Defect Ratio Dashboards) Quallity Control (QC) Improved Communication Trigger Alert: Low Output / Dashboards KPI-based Management (Tablet/Mobile App) Λ Management QC Worker Conducts Digital Monitor Live Dashboard Optimized Production Prepared by: Dean Pham