**Name : Pramote Panyato**

**Contact : pramote.p.1990@gmail.com / 084-1515707**


**Date of birth : 23 Jul 1990**

**Work experience : May 2013 – Present [7 Years]**

## Education :

**-Master degree : Electrical Engineer [Mahanakorn University of Technology]**

**Thesis :** A YOLO-Based Hand Tools Recognition for 5s Audit in Manufacturing Industry.

**:** Implementation of a Low-Cost Real-Time People Counting System on Raspberry Pi Based on Applied Tiny YOLO V3.

**-Bachelor degree : Computer Science [Lampang Rajabhat University]**

## Overview Skills :

**C#.Net, VB.Net, C, Python, VBA, Delphi, ASP.Net**
**Web Service, XML, IoT, Arduino, Raspberry Pi**

**Oracle, MS SQL, MySQL**

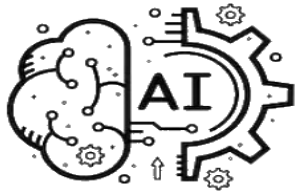



**Image processing, Object recognition,**
**Deep learning, Machine learning**

**Siemens, Omron,**
**Mitsubishi, Allen Bradley**

**Project management, Kepware OPC, Cognex**
**SCADA : WinCC, Genesis, Citect, Omron, Wonderware**

# Overall Work Experience [May 2013 - Present]

**System Analyst**
Electronic Manufacturing
[Oct 2019 - Present]

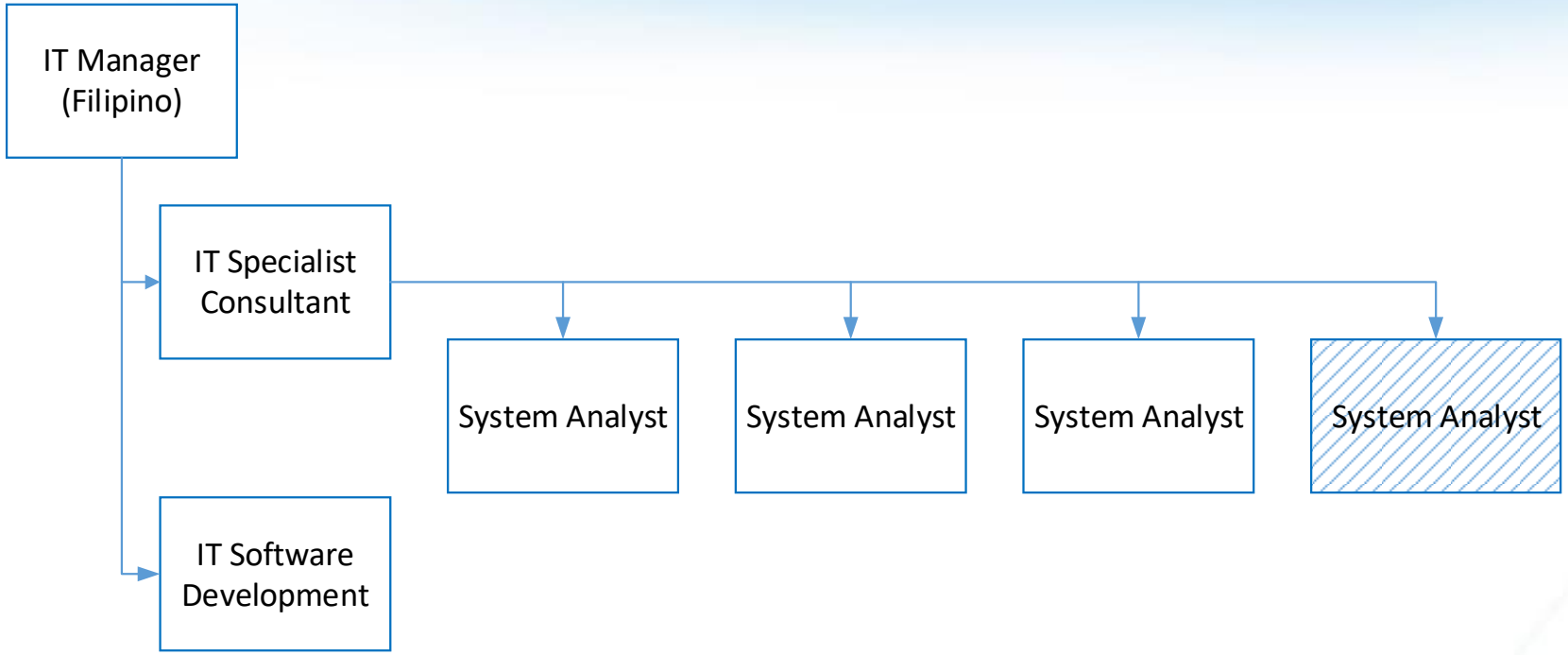
**Software Development Engineer**
Home Appliance Manufacturing
[May 2018 – Oct 2019]

**Control System Engineer**
Home Appliance Manufacturing
[May 2017 – May 2018]

**Automation Engineer**
Oil & Gas
[Apr 2015 – May 2017]

**Programmer**
Real Estate Developer
[May 2013 – Apr 2015]

# Software Development Engineer [Oct 2019 - Present]
# Job Organization



Celestica™

# Skills and Responsibility Area

VBA, VB.Net,
C#.Net, ASP.Net,
Web Service, XML

Oracle, MS SQL

Application

Transport

Network

Network
Interface

**Responsibility Area**

**Production system analyst**
**(Production, Material Control, Interface)**

# Job Overview

Celestica Factory

Celestica Factory

Celestica Factory

Bug or enhancement request

System Analyst

Root cause

Best solution

UAT

IT Software Development

My Responsibility

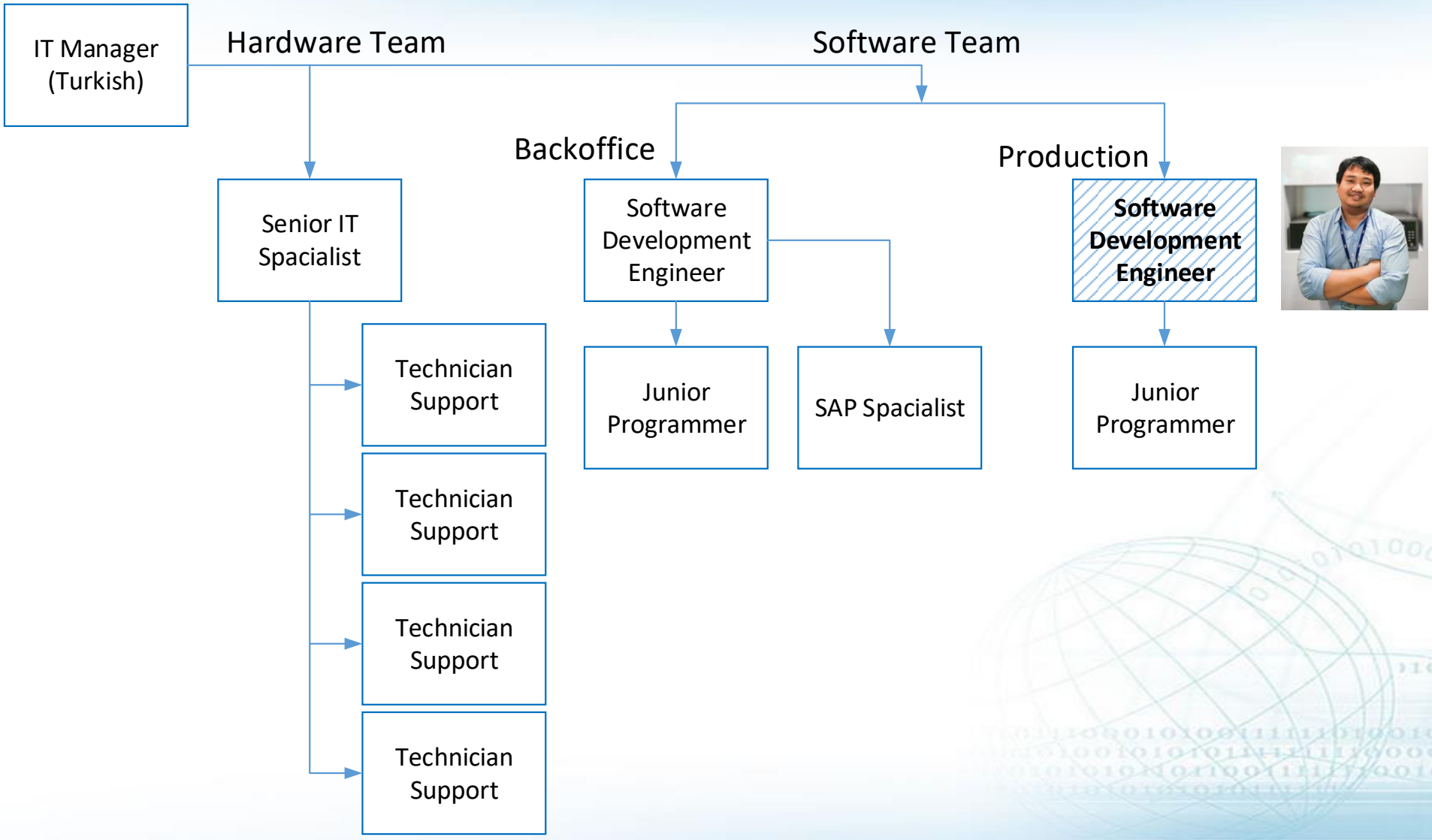
# Achievement

**System Analysis**

- Solution analysis for bug or enhancement for systems (Production system, Component Tracking System [CTN], Moisture Sensitive Devices [MSD], Report from all Celestica factory.
- Agile and scrum.
- Technical document (Diagram, Flowchart, Data dictionary).
- Coordinate between user and developer to analyst the raw requirement from user and transform to technical design and document to programmer.
- UAT.

# Software Development Engineer [May 2018 – Oct 2019]

## Job Organization






beko

# Skills and Responsibility Area

C#.Net, VB.Net, C, IoT, Arduino,
Raspberry Pi, Web Service, XML

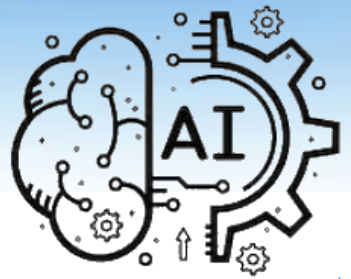


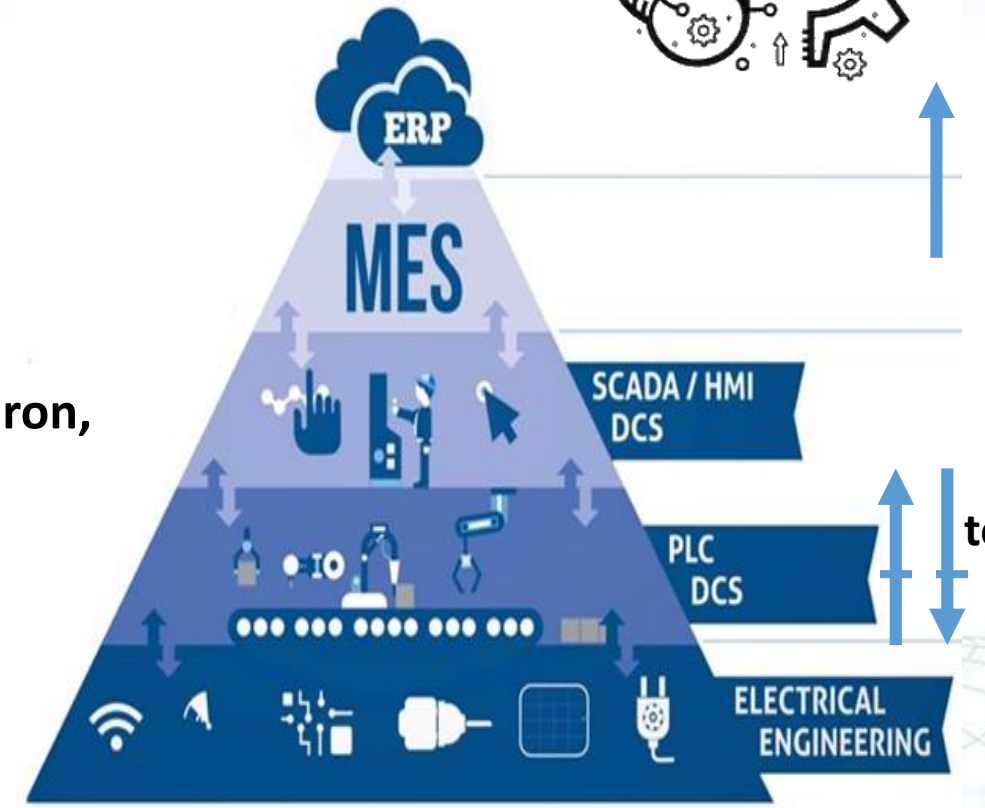

Image processing, Object recognition,
Deep learning, Machine learning

MS SQL

Siemens, Omron,
Mitsubishi

Omron,
WinCC

Project management,
Kepware OPC, Cognex,
Micro Controller




Data feed from production line to ERP

**Responsibility Area**

Integration and migration system
to communicate between machine and system

**Automation**

# Job Overview

## Product Design

## Production

In house machine

Raw Material

R&D

BOM

Team Center

Planning

Production

MRP Logistic

Material Order

WMS

BOM, Product definition

Operate

Planning

Raw Material,
Warehouse control,
Finish good product

GoBiz
(God of Business)

Production System

BOM, Product definition
Testing specification

Interface

SQL

SCADA

QA

Image Processing System

SAP

Backflush

Testing specification

My Responsibility

# Achievement

**Refrigerator and Washing machine production system .**
**(Machine interface, Assembly station, Testing, In house machines and data feed to ERP)**

- Project management, Solution analysis, design, development and UAT.
- Implementation, training and support.

**GoBiz system (God of Business)**

- GoBiz is part of PLM to collect BOM of products that developed from Beko IT by C#.Net.
- Product definition for production system, testing system and WMS.

**Real-time product performance testing information by Arduino.** https://youtu.be/UlQBLlgGiBo

- Arduino programming by C to get refrigerator information.
- Real-time data feed to server by Socket C#.Net.

**Packing box brand recognition base on deep learning concept.** https://youtu.be/cSMUOsoxi40

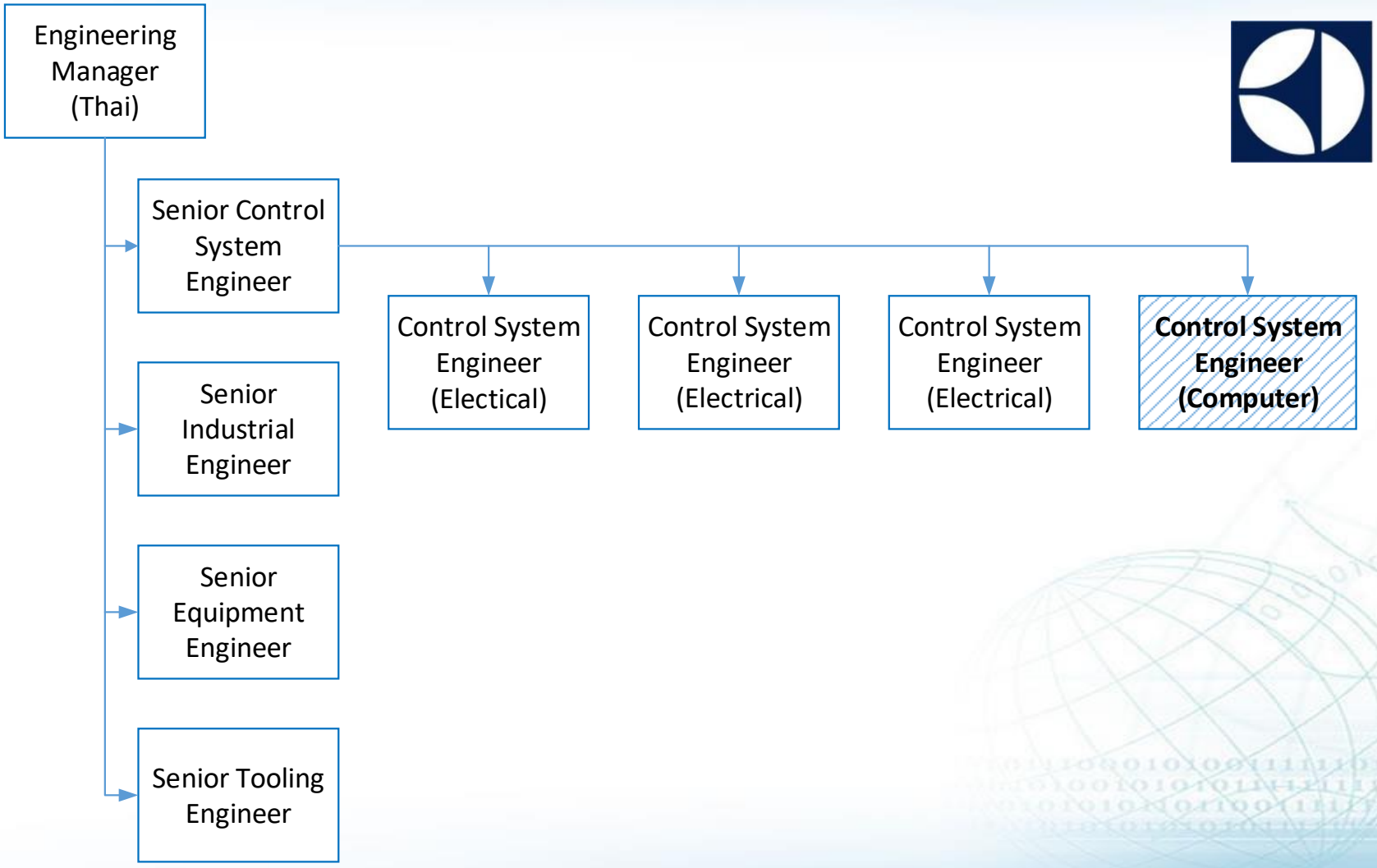
- Matching between product and packing box for solving wrong brand assemble.
- Develop object recognition by AI concept by Python for detect brand from packing box and matching.
- Conveyor integration by matching result.

**PLC data center and notification system.**

- Data center system by C# and OPC to collect and operate data for all PLC, machines and robot.
- Notification system by Line application, Mail to notify and alert information.

# Control System Engineer [May 2017 – May 2018]

## Job Organization




Electrolux

# Skills and Responsibility Area

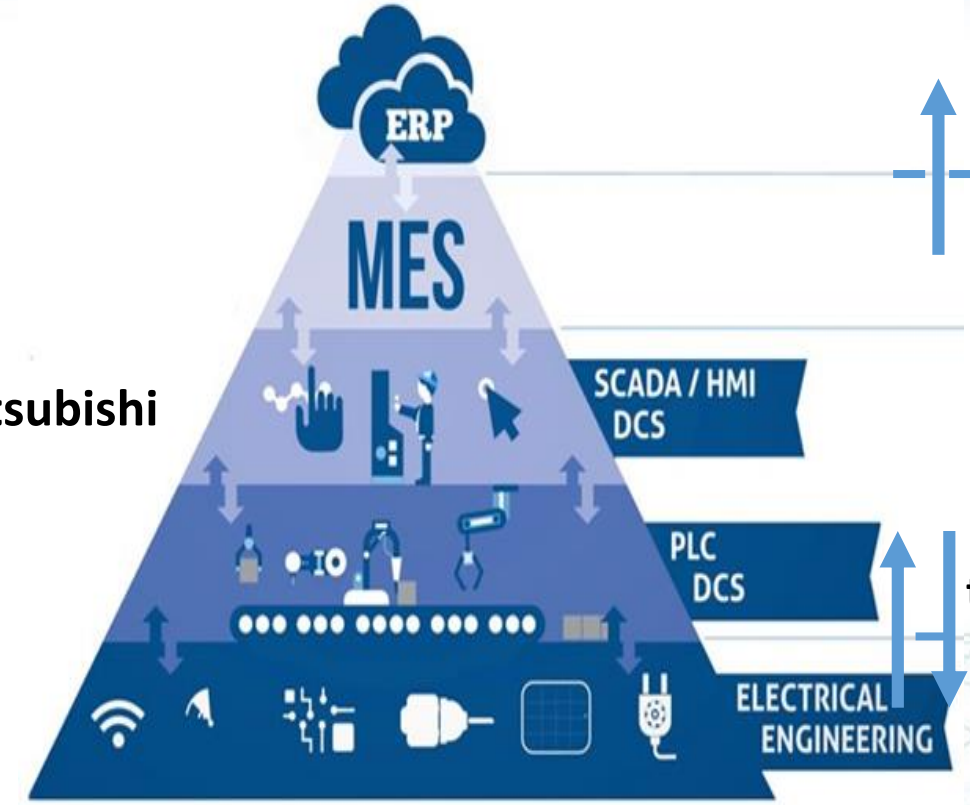
VB.Net, C#.Net

MySQL

Siemens, Mitsubishi

Genesis,
WinCC

Project management,
Kepware OPC




IT

Data feed from production line to ERP

Responsibility Area

Integration and migration system
to communicate between machine and system

Maintenance

# Job Overview

## Product Design

## Production

In house machine

Raw Material

R&D

BOM, Product definition

CSA
Control System
Application
(New Model, Readiness)

Planning

Production

MRP
Logistic

Material Order

WMS

Operate

Planning

Production
System

Raw Material,
Warehouse control,
Finish good product

BOM, Product definition
Testing specification

Interface

SQL

SQL

SCADA

QA

Testing specification

Machine
setting

SAP

Backflush

My Responsibility

# Achievement

**Refrigerator production system .**
**(Machine interface, Assembly station, Testing, In house machines and Data feed to ERP)**

- Project and outsourcing management.
- Project analysis, design, development and UAT.
- Implementation, training and support.

**Line application notification system.**

- Notification system by Line application to notify and alert any information.

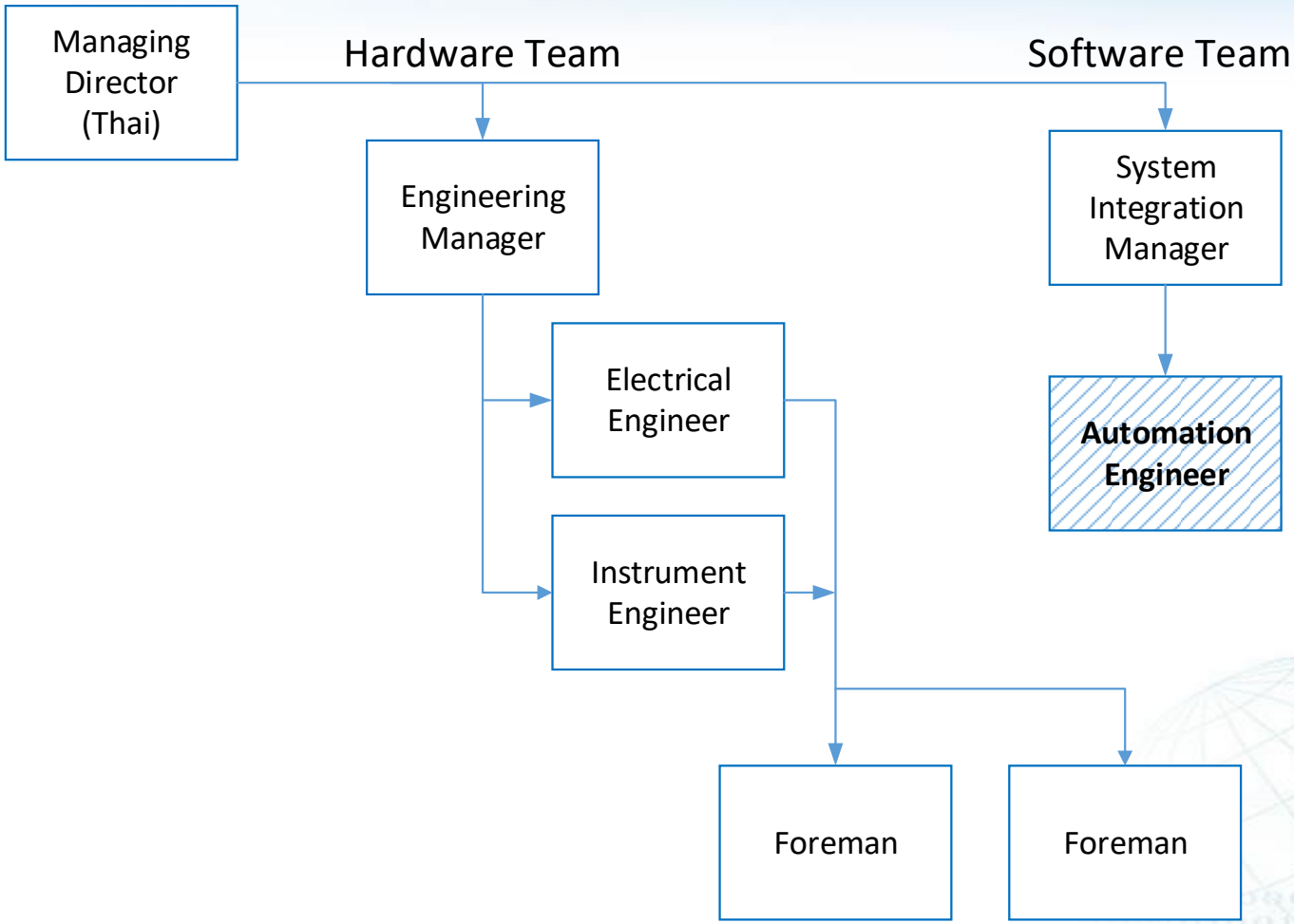
**CSA (Control System Application).**

- CSA is my application for increase performance for new model, readiness tracking by VB.Net.
- Product definition data center.
- PLC and machine monitoring system.

**In house machines material warehouse.**

- Plastic silo.
- Metal sheet tracking.

# Automation Engineer [Apr 2015 – May 2017]
# Job Organization



CARLTON

# Skills and Responsibility Area

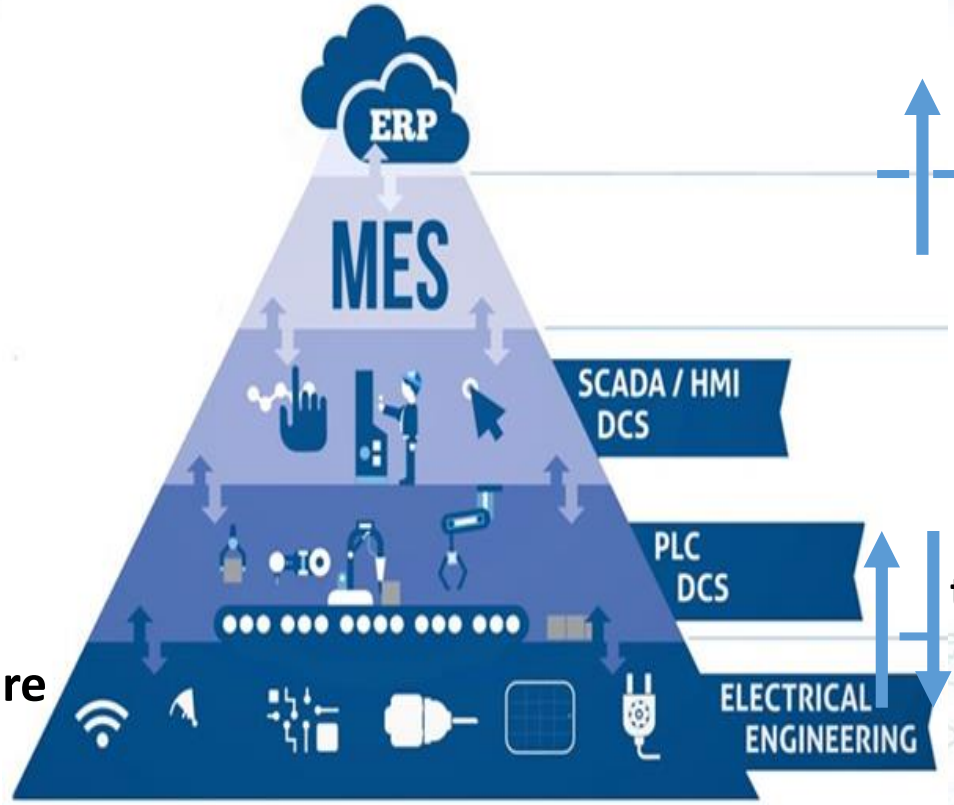
Delphi, VBA

Oracle

Allen Bradley, Siemens

Citect, Wonderware

Kepware OPC




ptt

InBound / OutBound PTT ERP

Responsibility Area

Integration and migration system to communicate between machine and system

Hardware Team

# Job Overview

PTT ERP

Fuel receiving / supply

PTT Sea berth Operating system

Tank farm interface system

Control room SCADA

Pump

Valve

Weight control

TAS Terminal Automation System

Weighbridge

Fuel supply

My Responsibility

The Revenue Department of Lao People's Democratic Republic

Fuel import

The Revenue Department ERP

Shipping

Fuel import

Summary flow meter data feed to ERP

Flow meter value

# Achievement

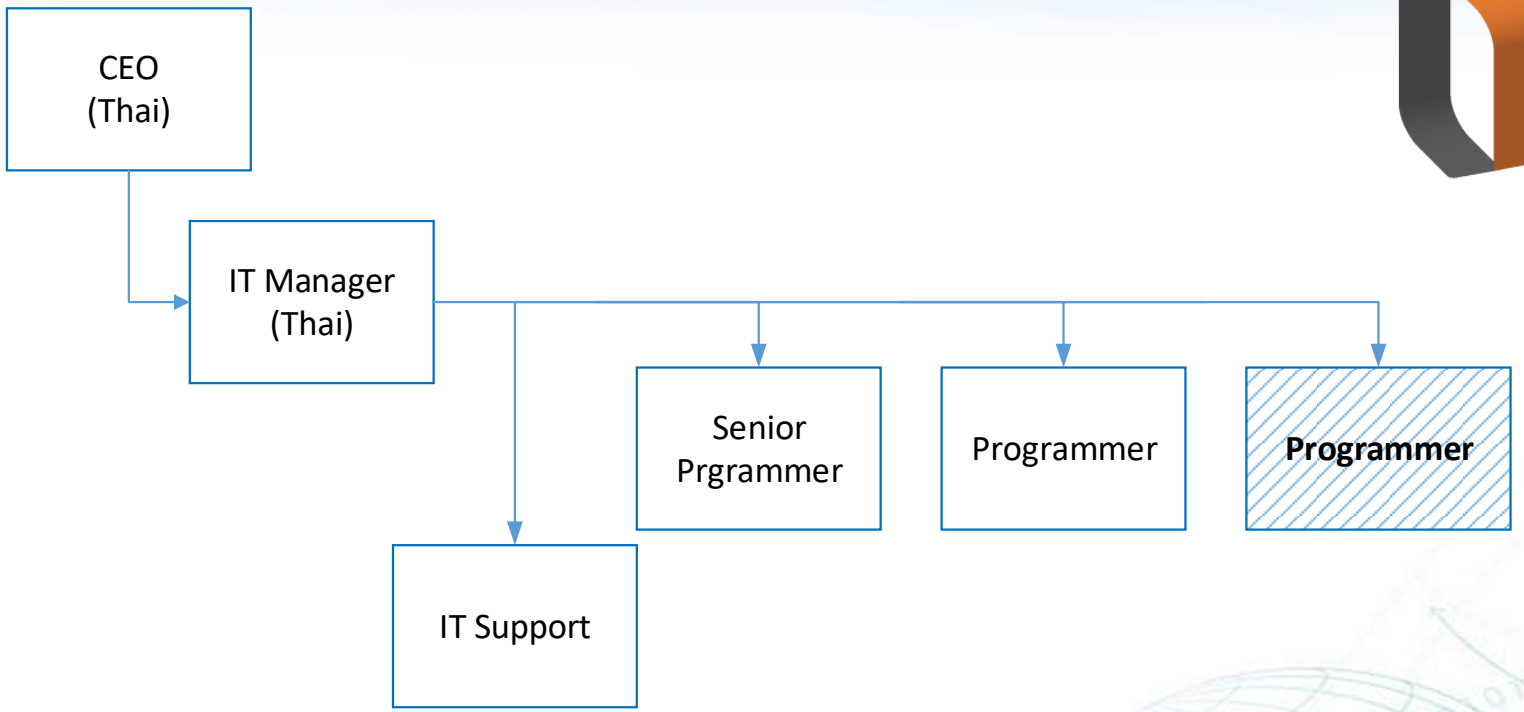
**PTT**

- Air absorb tank (PLC programming).
- Tank farm MOV operation control room (Citect SCADA).
- Lubricant blending operating system (Wonderware).
- Sea berth Paraxylene loading system (Citect SCADA).
- Sea berth firefighting system (Citect SCADA).
- Terminal Automation System (Delphi).

**The Revenue Department of Lao People's Democratic Republic**

- Real-time fuel transfer monitoring at customs office.
- Fuel metering summary data feed to The Revenue Department ERP.-

# Programmer [May 2013 – Apr 2015]
# Job Organization




ORIGIN

# Skills and Responsibility Area

**VB.Net, C#.Net, Web Service, XML**

**MS SQL**

Application

Transport

Network

Network Interface

**Responsibility Area**

**Real estate system development (POS, DMS, CRM, HRM)**

# Job Overview

Customer

Sale office

Time attendance

HRM
Human Resource Management

HR

Sale office

POS
Point of Sale

Booking
Contract
Transfer

DMS
Document Management System

Sale office

Customer information

CRM
Customer Relationship Management

My Responsibility

# Achievement

**POS (Point of Sale)**

- System for sale officers to monitoring room, booking and contract.

**CRM (Customer Relationship Management)**

- Collect customer information and reporting.

**DMS (Document Management System)**

- Document generate and control (Booking, Contract, Transfer).

**HRM (Human Resource Management)**

- Collect time attendance of employees for every sale offices and send to HRM.