# **NW ID for VISANarongwuth Wudhikanakorn**

# **ITIL Foundation v3/v2,** **SAP CTC**, **SAP CBIWC**, **Microsoft MCPS, Novell Master CNE**

68 Jaransanitwong road, Soi 52, Bangyikhan, Bangplad, Bangkok 10700, THAILAND

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HIGHLIGHTS OF EXPERIENCES:

Narongwuth has been working for Thai City Electric Group (SHARP) as **Group IT Director** since April 2013. He manages the team of 25 IT staff to support group of companies transforming into modern management using SAP along with numerous IT improvement projects. Before that, he had worked for Holcim during 2012-2013 as **System Operations Group Leader** for Thailand Operations. He manages IT Infrastructure for all companies in Group SCCC (Siam City Cement – almost 2,000 users running 24x7 operations in 70 sites nationwide). There are at least 7-10 projects annually to be implemented.

In 2005, he joined TPT Petrochemicals (later become part of Indorama group) as **Senior Manager of Information Technology Division**. He manages IT Division with 11 staff works in 2 sites – Bangkok and Rayong, directly reports to Chief Operating Officer (COO). He has initiated and managed many projects that create numerous values to the firm as a whole. As a Senior Manager, he is a part of the Corporate Management Team, consists of all Senior Managers and DGMs – leaded by CEO, which dynamically makes strategic decisions for the whole firm. He also got numerous external and in-house trainings including **Six Sigma Green Belt & Lean Six Sigma Green Belt Trainings** by BMG (in 2009), Motorola University (2006-2007) and CTI Consulting (2005-2006). He took the role of Six Sigma **Project Sponsor** in 5 IT Six Sigma Projects and also one of the Six Sigma Committees to setup Six Sigma Office in TPT.

Before TPT, he joined **Price Waterhouse** in June 1996, which later became **PricewaterhouseCoopers**, **PWC Consulting** then **IBM Business Consulting Services**. That means he had been through one merger and one acquisition of the big firms. He has experience in Data Center Management, SAP Technical implementations in many projects both domestic and abroad including Philippines and Vietnam. He used to work with SAP Center Of Excellence (SAP COE – SCM) at SAP AG in Germany for 3 weeks. His ERP experience includes DC Management, R/3 upgrade, R/3 implementation, mySAP Supply Chain Management installation, R/3 installation, system landscape design, system restore, system copy, general SAP basis administration, authorization implementation. With experience on SAP R/3 from release 3.1H to 4.6C, he also works on many platforms including Windows NT, Windows 2000 AS, HP-UX, Sun Solaris and IBM OS/400.

He is also **SAP Certified Technical Consultant** and **SAP Certified Business Information Waterhouse Consultant**, with experiences in IT Infrastructure including Novell NetWare (certified as Master CNE), Windows XP/2000/NT (certified as MCPS) and Lotus Notes administration. On IT Service Management, he is also certified on **ITIL Foundation version 3 and version 2**. Prior to joining the firm, he ran his family business as top management of an IT system integrator, which offered various services including network and infrastructure design and implementation, network installation, application implementation (Hotels and Hospitals), PC servers and PC computing.

For Thailand IT Community, he is also a member of **Board of Directors** for **itSMF Thailand Chapter** ([www.itsmf.or.th](http://www.itsmf.or.th)) – a non-profit organization to promote IT Service Management best practices and standards in Thailand, in corporate with itSMF International, from 2007 to 2009.

ACADEMIC QUALIFICATIONS:

**Master of Science in Marketing (MIM) - English program**

With *‘The Best Project Work of the Class’* Award

Thammasat University, Thailand

**Bachelor of Business Administration** **(BBA) - English program**

*Major* - Business Computing, *Minor* - Advertising Management

Assumption University (ABAC), Thailand

PROFESSIONAL CERTIFICATES:

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| --- | --- |
| SAP: | |
| * SAP Certified Technical Consultant (R/3 4.x on NT/Oracle) | April 2000 |
| * SAP Certified R/3 Consultant – Business Information Warehouse | November 1998 |
| IT Service Management: | |
| * [ITIL](https://en.wikipedia.org/wiki/ITIL) Foundation version 3 (by EXIN) | November 2009 |
| * [ITIL](https://en.wikipedia.org/wiki/ITIL) Foundation version 2 (by EXIN) | September 2006 |
| Novell: | |
| * Novell Master CNE - Infrastructure and Advanced Access | September 1995 |
| * Novell Enterprise CNE | June 1994 |
| * Novell Certified Novell Engineer - NetWare 5 | August 2000 |
| * Novell Authorized CNE (Certified NetWare Engineer) | May 1993 |
| * Novell CNA (Certified Novell Administrator - NetWare 4) | May 1994 |
| Microsoft: | |
| * Microsoft Certified Professional - Product Specialist (MCPS) | November 1994 |

PROFESSIONAL TRAININGS:

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| --- | --- |
| Six Sigma – Lean / Green Belt: | |
| * Six Sigma: Lean Green Belt Training | BMG University, Thailand |
| * Six Sigma: Green Belt Training | Motorola University™, MALAYSIA |
| * Six Sigma: Green Belt Training | CTI Consulting, USA |
| IT Service Management: | |
| * Business Continuity Management: Conference & Workshop | FiK International, **MALAYSIA** |
| * ITIL Foundation version 3 Workshop | OpenVision, Thailand |
| * ITIL Foundation version 2 Workshop | OpenVision, Thailand |
| * HP OpenView™: Service Desk | OpenVision, Thailand |
| * HP OpenView™: Network Node Manager | OpenVision, Thailand |
| * HP OpenView™: Operation Manager | OpenVision, Thailand |
| Consulting Skills: | |
| * MCS Level 1: Introduction to Consulting | Price Waterhouse, Bangkok, Thailand |
| * Price Waterhouse Methodologies: ChangeSuite | Price Waterhouse, Bangkok, Thailand |

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| Business Perspectives: | |
| * International Business Administration | Southern Illinois University at Carbondale, Illinois, **USA** |
| * Advanced Marketing Program - Batch 5 : including workshops and simulation | Faculty of Commerce and Accountancy, Thammasat University, Thailand |
| * SAP ASP/VAR Training (Support Structure) | SAP Thailand |
| * Presentation Excellence | Performa, Thailand |
| * Successful Presentation Techniques | Strategic Business Development Center, Thailand |
| * Business Intelligence | Marcus Evan, Thailand |
| * Using SLA for Effective Service Management | Marcus Evan, Thailand |
| * RFID In Action: Conference & Workshop | The Asia Business Forum, Thailand |
| * Building Capability for Strategy Implementation | Dr. Arthur Yueng, In-house training, Thailand |
| * Strategy Move | Strategic Business Development Center, Thailand |
| * Project Management | Thailand Management Association, Thailand |
| * Mind Mapping | Buzan Centre Thailand |
| * CAN DO: Whole Brain System Thinking | Asia Pacific Innovation Center, Thailand |
| * Assertiveness Attitude and Skill Program | AcComm & Image, Thailand |
| * HOT (Honest, Open, Trusting) Relationships | Integrative Learning International, Thailand |
| * MPDP: Management Professional Development Program | Indorama Group, Thailand |
| * “INFLUENCER” | Pacrim Group, Thailand |
| * Coaching & Feedback for High Performance | Dr. Alisa Lertpratchaya, P&P Consultant, Thailand |
| * Interviewing Techniques for Executives | Dr. Arporn Puvittayapan, Thailand |
| SAP / Enterprise Resource Planning: | |
| * SAP Technical Infrastructure (SAP Basis, 4-week workshop) | PwC Global Training Center, Philadelphia, **USA** |
| * APO010: SAP Advanced Planner and Optimizer – Overview | SAP Thailand |
| * SAP Migration Tools (SAP R/3 4.6C Upgrade  with Thai Localized data) - Workshop | SAP Thailand |
| * TABW10: Business Information Warehouse | SAPient College, **SINGAPORE** |
| * BC400: Introduction to ABAP/4 Development Workbench | SAP Thailand |
| * BC405: Development Workbench Reporting | SAP Thailand |
| * BC420: ABAP/4 Development Workbench Data Interface | SAP Thailand |
| * BC430: ABAP/4 Dictionary | SAP Thailand |
| * CA930: SAPscript | SAP Thailand |
| Operating Systems: | |
| * Sun Solaris 8 - System Administration I | Sun Microsystems, Thailand |
| * Sun Solaris - Security | Sun Microsystems, Thailand |
| * Novell NetWare 3.11: System Administration | Novell NAEC, Thailand |
| * Novell NetWare 3.11: Installation & Configuration | MiTAC, Thailand |
| * MS Windows NT 3.51: Technical Workshop | Microsoft ATC, Thailand |
| Networking: | |
| * Data Communications and Internetworking | Mahidol University, Thailand |
| * Advanced Network Management | Novell NAEC, Thailand |
| * Hacking & Internet Threats – Data Protection | V2 International, Thailand |
| * AMP Open Wiring System Design and Workshop | AMP Thailand |
| * Price Waterhouse ITS Conference 1997 | Price Waterhouse – Information Technology Services (ITS), Sydney, **AUSTRALIA** |

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| System Management & other softwares: | |
| * HP OpenView Network Node Manager | OpenVision, Thailand |
| * HP OpenView Operation Manager | OpenVision, Thailand |
| * HP OpenView Service Desk | OpenVision, Thailand |
| * WebSense: System Monitoring | Avnet Technology, Thailand |
| * Fundamental of AutoCAD | Thai-Japanese Technology Promotion Association, Thailand |
| Conducted Training: | |
| * SAP R/3 Authorization System and Profile Generator – for PwC Functional Consultants and Project Managers | PwC Bangkok, Thailand |
| * On-the-job and Presentation-based SAP Basis Training to build client self-support SAP Basis Administrators | Various SAP Implementation projects during service years with PwC and IBM |

CORPORATE AWARDS:

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| TPT Petrochemicals Public Company Limited | |
| * “Most Creative / Innovative Employee” – 2006 Performance (voted by all Head office employees) | TPT Petrochemicals, Thailand |
| * “Most Creative / Innovative Employee” – 2005 Performance (voted by all Head office employees) | TPT Petrochemicals, Thailand |
| IBM Thailand Company Limited | |
| * Champion of the Month: October 2004 (as a part of team that sold Shark storage to Holcim DC) | IBM Thailand |

AS ACADEMIC GUEST SPEAKER:

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| Educational | |
| * Consumer Behavior Class, for Master Degree program | Assumption University, Thailand |
| * Organizational Behavior Class, for MBA program | Assumption University, Thailand |

PROFESSIONAL EXPERIENCE:

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| Thai City Electric Co., Ltd.  <http://www.thaicity.co.th> |  |

**Director of Information Technology** for Thai City Electric Group

*April 2013 – November 2015*

Founded in 1972, Thai City Electric group of companies (internally so-called “TFC”) are licensed producer and marketer of small SHARP Home Appliances; e.g. rice cookers, electric fans. The companies includes Thai City Electric Co., Ltd. (TCE), Federal Electric Corporation (FEC), Western Property Co., Ltd. and more in W-group of companies which produces intermediate components for the assembly plant (Federal Electric).

He managed IT team of 25 people while 6 of them are in management levels – Assistant Department Managers to Department Manager, and Assistant Director. The teams base in 2 sites, Head office on New Petchburi road and Plant site on Kingkaew Road.

His Roles & Responsibilities includes:

* Set directions, strategies, standards and policies for Thai City Electric Group of Companies
* Completed IT Strategic Directions for 2013-2016 and communicated to all IT members and corporate management team
* Lead the integration of 2 IT teams from 2 companies with different standards and cultures into ONE team with single standard support all companies in the group.
* Attend all management meetings of TCE and FEC to align IT directions with Corporate Strategies, also bridge & harmonize IT solutions to serve the group of companies
* Manage IT Project Portfolio to successfully make them happened at the right time
* Manage IT Consultants on ERP projects to ensure best practices are delivered and they are working for TFC professionally
* To standardize and migrate non-standard systems in to newly agreed standards
* To build IT Talent Pool – for Primary/Secondary SME and Substitute program

### Project Highlights:

* Business Solutions:
  + ***Project: SAP Implementation***
    - Function Modules: FI, CO (including CO-PA), MM, SD, PP, QM, WM and Handheld PC implementation for WM/IM
    - Big-Bang Going Live of 3 companies
    - Full Implementation Cycle
    - SAP System Landscape Setup (7 systems)
    - IDES, DEV, QAS, PRD, SAProuter,   
      SAP Solution Manager, SL Net Server
  + ***Project: ERP – Business Process Improvement***
    - *As-Is Business Process Mapping:* learn and document as-is business processes
    - *To-Be Business Process Design:* to bring best practices and drive changes in business processes both intra functions, cross functions and inter companies – to ultimately prepare for ERP implementation in the next phases
    - *IT Strategy for ERP*: includes As-Is & To-Be System Maps, Recommended IT Infrastructure Improvement and Master Implementation Road Map aligned with ERP implementation phasing
    - *Master Data Standardization*: identifies master data items to be standardized, assigns data owners/centers, develops standard schemes and data cleansing approach
    - *ERP Selection*: develops RFI (Request for Information) and RFP (Request for Proposal), select ERP software for TFC group of companies, evaluate Software Implementer, award and sign contract with Successful Implementer
    - *Action Plan*: develop ERP Implementation Roadmap
  + ***Project: SAP Business Object – Business Intelligence***
    - Resolve all technical errors and problems from last implementation for system performance, accessibility, reliability and reporting accuracy.
    - Identify pain points and reasons for implemented system not being used by users, then resolve all those matters
    - Continue deployment of BI to other functions in head office and plant site
  + ***Project: S&OP (Sales & Operations Planning) Implementation***
    - Works with M-Focus to implement SCM (Supply Chain Management) Tools including ForecastPro, MPO (Master Planning Optimizer) and MFO (Master Fulfillment Optimizer) and apply best practices of SCM to TFC
* IT Infrastructure & Operations:
  + ***Project: New Head Office – IT Infrastructure*** *(Work In Progress)*
    - Summarize IT Requirements for new TCE Office
    - Work with Vendors to design, implement, test and document  
      all IT Infrastructure including new Data Center
    - Data Center Relocation
  + ***Project: Plant Office Renovation – IT Infrastructure*** *(Work In Progress)*
    - Summarize IT Requirements for renovated FEC Office
    - Work with Vendors to design, implement, test and document  
      all IT Infrastructure including new Data Center
    - Data Center Relocation
  + ***Project: Internet Performance Improvement***
    - Study expense structure, make better deals for better solutions which cost less and deliver much better Internet performance –   
      go for CAT Corporate Internet and True Ultra Hi-speed Internet
  + ***Project: Enterprise Network Implementation***
    - To migrate all leased lines into MPLS Layer 3 Cloud – to ultimately connect all TFC companies into one enterprise network
    - Achieve cost saving with better WAN performance
  + Other *“Completed”* IT Infrastructure Projects includes:
    - Fiber Optic link from FEC Office to Warehouse 7
    - Warehouse 7 Wireless Network Improvement
    - Warehouse 7 Wired Network Improvement – Phase I
    - Warehouse 7 Network Rack Relocation
    - Warehouse 3 WLAN Implementation
    - IBM Power8 Acquisition & System Migration
    - WPT Network Improvement – Phase I
    - IBM Power7 Relocation: from FEC to TCE
  + More IT Infrastructure Projects in the Pipeline
    - SAP-PM (Plant Maintenance) Implementation for FEC
    - HRIS: New HRIS System for TCE & FEC
    - WPT: Building Management System
    - Document Management & Collaboration Enhancement
    - VDO Conference Implementation for TCE & FEC
* Cross-Function Project(s):
  + ***Project: TCE Corporate Identity & New Branding Campaign*** *(Work In Progress)*
    - Work with Marketing Communication Team, Office Admin Team and   
      HR Team to design and run the campaign for New TCE Logo & Branding

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| Holcim-logo  Holcim Services (Asia) Ltd.  <http://www.holcim.com/> | SCCC-logo Siam City Cement Public Company Limited  Based at Group SCCC Head Office at Column Tower:  <http://www.siamcitycement.com> |

**System Operations Group Leader, Thailand Operations**

*June 2012 – April 2013*

Founded in Switzerland in 1912, Holcim is one of the world's top 3 leading suppliers of cement and aggregates (crushed stone, sand and gravel). Holcim also supply ready-mix concrete and asphalt, and provide related services. Siam City Cement is the second-largest cement producer in Thailand kingdom serving Thailand’s development for more than 40 years.

He manages all IT infrastructure facilities for Group SCCC which includes Siam City Cement, Siam City Concrete, Conwood and Geocycle. The managed facilities support almost 2,000 users running 24x7 operations in 70 sites nationwide. Most servers are already virtualized to run on VMware. Security structure, WAN links, Enterprise Network and Internet services are complex but fully managed. Planned Maintenances are performed monthly. There are at least 7-10 projects annually to be implemented.

His Roles & Responsibilities includes:

* Manage all IT Infrastructure to ensure smooth operations of Group SCCC business operations
* Initiate and manage all IT Infrastructure projects
* Manage team of IT Specialists in System Operations Team  
  includes recruiting, coaching, supervising, evaluating and retiring staff
* Work closely with EUS – End User Support Team and Help Desk Team
* Provide coaching to his superior, as advised by CEO – given his comprehensive experience in IT management
* Supports all client’s (Group SCCC’s) projects – regarding IT Infrastructure
* Ensure compliances with Holcim Security Standards & Policies, OH&S (Health & Safety) as well as all audit parties
* Provides all reporting required by Holcim Regional and Global team
* Coordinate with Holcim Regional Team on project implementations, regional-requested/global-requested reporting/surveys, contributes in regional project initiatives, etc.
* Manage all vendors including manage projects, MA contracts, on-going supports, and maintain good relationships

### Project Highlights:

* **Year 2013** (on-going / planned)
  + ***Project: WAN Optimization***
    - Implement WAN Optimization between head office and Saraburi plant
    - To reduce cost of WAN links and prepare for upcoming projects which depends heavily on network connections
  + ***Project: Internet Gateway for Major Sites***
    - Separate dedicated Internet service to Saraburi plant
    - Redesign and implement new security system, covering both Head office and Saraburi plants, to improve performance and support for up-to-date security standards
  + ***Project: Saraburi Plant – Server Virtualization***
    - Migrate all relevant servers into VM environment
  + ***Project: NetBackup Upgrade***
    - Upgrade backup solutions for both head office and Saraburi plants
    - Implement VM backup and new backup functionalities
  + ***Project: Wireless LAN Upgrade at Saraburi Plant***
    - Replace old Access Points with the new model
    - Implement Holcim security standards and policies
    - Implement current Cisco technologies to improve functionalities  
      e.g. Rouge AP detection & blocking, Clean Air™
  + ***Group SCCC’s Projects***
    - Including GPS, CCTV, Web Applications, In-plant Logistic Improvement, other Logistics projects, P&OP (human resource) projects, Sales & Marketing projects, etc.
* **Year 2012**
  + ***Project: Saraburi Plant’s Storage Replacement***
    - Replace old storage with HP P6300 Storage
    - Migrate all existing data; e.g. file server, Lotus Notes Domino servers (clustering) into new storage at minimized down time
    - Decommission of Symantec Storage Foundation from old storage
  + ***Project: Internet Performance Improvement***
    - Migrate Proxy servers on VM to new proxy server on WebSense Appliance  
      to improve over performance and system reliability
  + ***Project: Centralized Network Device Authentication***
    - Implement Cisco ACS to centralized authentication   
      of all network devices nationwide
  + ***Project: Main Routers Replacement***
    - Replace old main routers with the new models  
      while ensuring all functionalities are working
  + ***Project: Wireless LAN Upgrade at Head Office***
    - Replace old Access Points with the new model
    - Implement WLAN Controllers with cross-site fail-over functionalities
    - Implement Holcim security standards and policies
    - Implement current Cisco technologies to improve functionalities  
      e.g. Rouge AP detection & blocking, Clean Air™
  + ***Project: MPLS Migration for UIH Links***
    - Migrate all UIH Frame Relay links to MPLS
    - Upgrade link bandwidth at the same cost as earlier
  + ***Project: Data Center Renovation***
    - Reorganize all network cablings in 2 Data Centers, 1 PABX room, for daily monitoring and monthly reporting
  + ***Project: New Antivirus Solution Implementation***
    - Implement Sophos Endpoint Protection for all servers and client PCs
  + ***Project: SolarWinds NMS***
    - Implement SolarWinds Network Monitoring System  
      for daily monitoring and monthly reporting
  + ***Group SCCC’s Projects***
    - Including GPS, CCTV, Web Applications, Logistics projects, P&OP (human resource) projects, etc.



EconTech Supply Co., Ltd.

**Assistant to Managing Director**

*October 2011 – May 2012*

As the firm is moving to digital platforms following market demands and industrial trends in Printing and Medial sectors, Narongwuth was invited by his old friend to enable the firm and the team to be competitive in new digital businesses while he is still searching for IT management job. He is currently unloading some of Managing Director’s works with pleasure given his entrepreneurship and past business background.

* Assist M.D. in developing new digital business in printing industry, or to be specific, to penetrate CTP (Computer-To-Plate) market in Thailand, nationwide. CTP will replace the system that requires shooting film to plate very soon.
* Assist M.D. in developing new digital business in medical industry, or in other words, to penetrate PACS (Picture-Archiving-and-Communication-System) market in Thailand, nationwide. PACS is the system that will replace the traditional X-Ray-to-film system.
* Enhance Corporate Identity: Corporate Website, Presentation Template, Official Forms, etc.
* Develop Corporate Strategy: Mission, Vision, Strategic Objectives, Strategic Map, Action Plans
* Develop and communicate Sales materials: Presentations of Corporate Profile, Product Presentations – to be presented to doctors, medical business owners, and publishing owners
* Business Trip to Germany:
  + Training on PACS and RIS systems at CHILI, Heidelberg, Germany
  + Visit MEDICA 2011 exhibition in Dusseldorf, Germany – to make business contacts for new products to market in 2012
  + Visit a reference site to see the actual operation of PACS and RIS systems
* Business Trip to Korea:
  + Visit KiMES 2012 exhibition in Seoul, Korea – to make business agreements for new products to market in 2012 – including DR (Digital Radiology)   
    for Mobile Check-up Bus, Mobile DR, DR for Veterinarian, PACS & Mini PACS
  + Visit one of the leading Medical Display Plants in Korea – to see R&D,   
    Production line, Back office and meet the management
  + Visit the plant of the largest Korean DR exporter –to see Production line
* Business Trip to Malaysia:
  + Visit the Regional Office of a Chinese CTP (Computer-to-Plate) Manufacturer   
    – to strengthen relationship which leads to final agreement
  + Visit couples of Reference Sites to see the actual operation of CTP machines
* Engage with international suppliers to arrange exclusive distributor agreements or dealerships
* Engage on any initiatives as agreed with Managing Director

[](http://www.tptpetro.com/)

TPT Petrochemicals Public Company Limited

<http://www.tptpetro.com/>

[logo](http://www.indorama.net/)

TPT is a part of **Indorama Group**: <http://www.indorama.net>

**Senior Manager, Information Technology Division**

*February 2005 – January 2011*

He works as a part of the firm’s management team consists of Senior Managers of all functions, leaded by Chief Operating Officer (COO).

* He reports directly to COO.   
  Previously, he had reported directly to GM or CEO on certain period of time.
* Previously, Annual Performance Review and Half-year Performance Review   
  will be performed by CEO.
* The company is project-driven and performance-based by culture. Corporate KPI, Division Balance Scorecard and KPI, Project KPI and Individual Performance Appraisal are in place.

He manages the Information Technology Division consists of one IT Department Manager   
and 9 IT specialists working members consist of:

* IT Infrastructure team
* SAP Application Support & Implementation Team
* Web & SAP Developer team
* Service Desk team

He introduces ITIL (IT Infrastructure Library) to IT Division and managed to have all IT staff including himself certified on ITIL Foundation v.2. And later, he also certified on ITIL Foundation v.3. The implementation of IT System Monitoring and IT Service Desk, using HP OpenView product suite, were done with ITIL in the processes.

* IT Division provides 24x7 supports for Shipping & Packing Department,   
  Laboratory Department and Guards. Other functions are running on 8x5 basis.
* It supports 2 sites; Bangkok Head Office and Rayong Plant Site, running 2 Data Centers.
* SAP servers are running on Sun Solaris/Oracle platform. Other systems are running on MS Windows 2003 server and Linux.

Besides the IT Management roles, he also takes other roles in the organization.

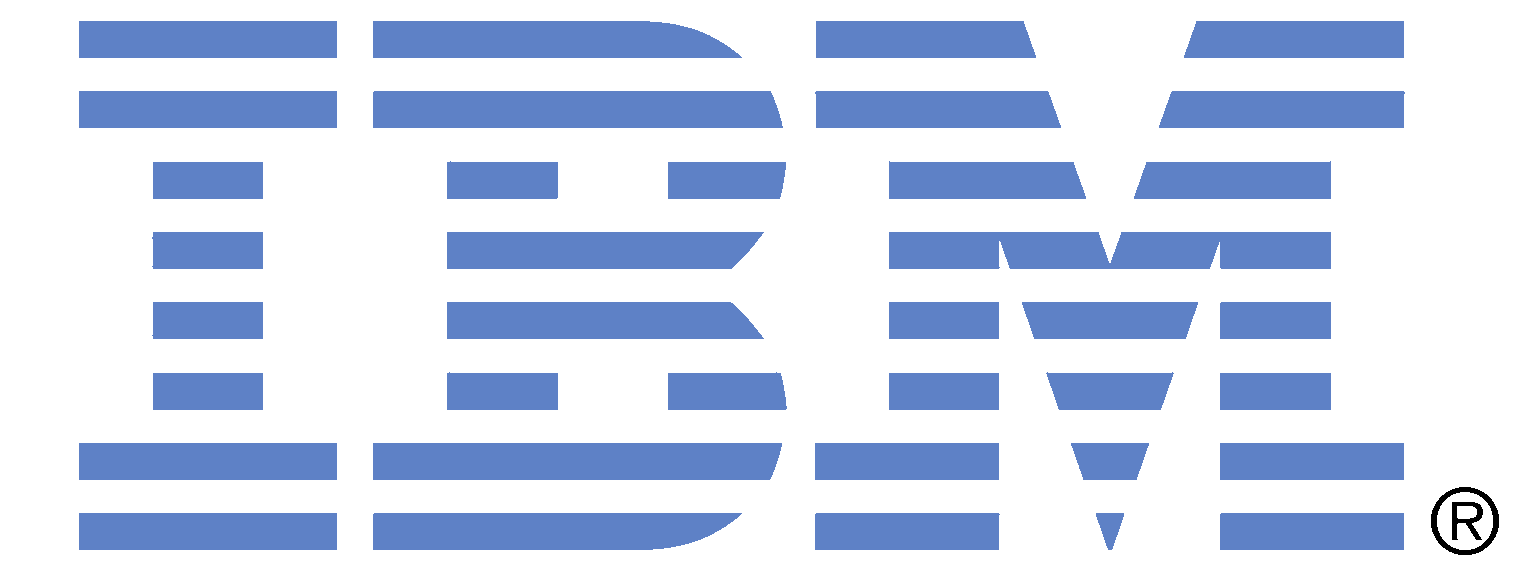
* Executive Management Team
* HODC (Human and Organization Development) Committee
* HODC – HR & Training Subgroup Committee
* Six Sigma Office (SSO) Committee
* KPI Change Committee
* Cost Saving Committee – as Advisor

### IT Division – Project Highlights:

* **Year 2010**
  + ***Project: SAP-to-SBMS Migration / Implementation*** 
    - Implement Indorama Standard Business Application   
      (in-house developed on Oracle platform)
    - Revisit business processes
    - Migrating SAP data to the new system
    - Big-bang implementation (all functional modules except HR)
  + ***Project: Head Office Relocation & Bangkok Data Center Relocation***
    - Relocate all IT systems from existing Data Center in BB Building   
      to Indorama’s Data Center in Ocean Tower II
    - Integrate TPT network into Indorama Enterprise network  
      while still maintain local securities and access controls
  + ***Project: EU Anti Dumping & Anti Subsidy***
    - To provide information for required reports for this activity
* **Year 2009**
  + ***Marketing & Shipping Projects***
    - New Bag Sizes support
    - WeightScale Improvement
    - Refurbish Bag
    - Special Overhaul Expenses
  + ***Project: Reducing TCO – Total Cost of Ownership for IT Infrastructure***
  + ***1 Six Sigma Project***
    - Reducing No. of Service Calls on top Service Call category
* **Year 2008**
  + ***Marketing & Shipping Projects***
    - New Bag Sizes support
    - Marketing & Shipping Rolling Plan
  + ***3 Six Sigma Projects***
    - Reducing No. of Service Calls on top 3 Service Call categories
  + ***Weekly Performance Reporting System***
  + ***Project: IT Desktop Management – with Microsoft SCCM***
    - Hardware Inventory / Software Inventory
    - Automated Patches & Software Packages Deployment
    - Remote PC support
* **Year 2007**

Note that number of projects in year 2007 was limited by Corporate Cost Saving Strategy and CAPEX available due to overall company performance and market situation.

* + ***Project: PTA Sales Process Improvement*** 
    - Sales Rebate Implementation in SAP
    - Improve Internal Control
    - Sales Rebate Analysis Reports
  + ***Project: IT Security Improvement*** 
    - Implement SPAM Blocker – using IronPort technology
    - Upgrade, migrate and additional sub-modules implementation of Anti-virus systems and server – for both plant site and head office
    - Upgrade Internet Proxy systems for both plant site and head office
  + ***Project: Data Center Improvement: Plant site & Head Office***
    - Improvements of electrical & network wiring and controls
* **Year 2006**
  + ***Project: IT System Management Improvement***
    - IT System Monitoring & Alert System Implementation
      * *HP OpenView Operation Manager*
      * *HP OpenView Network Node Manager*
      * *HP OpenView Performance Agents* for various systems & components
    - Monitor all servers and network devices for both Bangkok and Rayong sites
  + ***Project: IT Service Management Improvement***
    - Service Desk and Integrated Knowledgebase System Implementation
      * *HP OpenView Service Desk System*  
        integrated with HP-OV OVO and HP-OV NNM
  + ***Project: SAP Assessment***
    - To identify improvement areas, investments, resource required and benefits in all application areas of first SAP implementation since 2002
    - To clearly define the project scopes of SAP Improvement Projects: prioritize and phasing the improvements into Quick-wins, Phase I and Phase II
  + ***Project: PTA Bag Packing Enhancement***
    - Support 1.15-ton and future additional bag sizes
    - Improved processes and reports
  + ***Project: Office Communication Improvement***
    - Reduced risks of business interruption   
      – replacing old MITEL PABX with new SIEMENS Digital PABX
    - Voicemail with Email notification
    - Full Duplex Speaker Phones for Voice Conference in all Meeting Rooms, Senior Management and Top Management offices and Manager desks
    - Migrate analog phone lines to ISDN phone lines   
      (digital clarity, virtual direct lines, DID, Caller ID display, Missed call register)
  + ***Project: Enterprise Backup Implementation****using Veritas BackupExec*
    - Implement Backup Software to backup all critical Windows servers   
      on one media, daily, weekdays
    - For both Bangkok Office and Plant Site
    - Share high-speed, high-capacity Backup Device
    - Upgrade from Windows-bundled Backup Utility   
      to enterprise-class Backup Software
  + ***Project: Enterprise Risk Management (ERM)***  
    *using MetaWare Enterprise Risk Assessor* 
    - Risks, Controls, Treatment Registration for IT systems and services
    - BCP (Business Continuity Plan) Review by consultants
  + ***Six Sigma Project: Online PR/PO Approval & Tracking***
    - SAP Workflow Implementation of PR/PO Approval process
    - Outlook Email Notifications to PR/PO approvers
    - PR/PO Tracking Reports
  + ***Project: Credit Limit Implementation***
    - Credit Limit implementation in SAP
    - Improve Internal Control
  + ***Project: Network Improvement at Head Office***
    - Eliminate manual network configurations for mobile users
    - Implement Dynamic IP Address Allocation (DHCP)
    - Improve network performance
    - Upgrade Wireless LAN Bandwidth (11 Mbps 🡪 54 Mbps)
    - Separate IT infrastructure
  + ***Project: Network Improvement at Plant Site***
    - Eliminate manual network configurations for mobile users
    - Implement Dynamic IP Address Allocation (DHCP)
* **Year 2005**
  + ***Project: e-Payment***
    - Online Payment Approval over Bank’s secured web-based system  
      with Payment data encrypted and exported from SAP R/3
    - Outsourcing Cheque distribution and document collection to the bank
    - Reduced Authorizers and Finance staff’s workload
  + ***Project: Document Management & Corporate Portal****(using MS SharePoint Portal Server)*
    - Improved Document Management (Data consistency, Data availability)
    - Access Company information for Employees
    - Portal to access future web-based applications
    - Online Libraries & Resources
  + ***Project: Corporate Website Development***
    - Built up from scratch with all-new contents and designs
  + ***Project: PM Improvement***
    - Interface from KBC Asset Policy to SAP R/3
    - Provide Task list and risk-based data for each equipment   
      to generate PM work orders and Shutdown work orders
  + ***Project: Network Improvement at Plant Site***
    - Reduced risks of business interruption – replacing old XYLAN
    - Upgrade Core Backbone Bandwidth: 100 Mbps 🡪 1 Gbps
    - Upgrade Client Access Bandwidth: 10 Mbps 🡪 100 Mbps
    - Wireless LAN (54 Mbps, Roaming) for Admin Building

  
IBM Business Consulting Services  
<http://www.ibm.com/services/bcs/th>

(Previously *PWC Consulting*, *PricewaterhouseCoopers*, *Price Waterhouse MCS*)

**Holcim Data Center Manager (acting)**

**Technical Consultant – Technical Supervisor (TSP)[[1]](#footnote-1)  
/ Enterprise Resource Planning (ERP-SAP)**

*June 1996 – January 2005*

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| Client | **Holcim Asia** |
| Project | Holcim DC – Acting “Data Center Manager” |
| Technology | SAP R/3 4.6C NT\_Oracle9i on Win2000AS Cluster, Oracle FailSafe, Veritas NetBackup, LAN-free backup, Enterprise Storage (Shark, FastT900, MA8000), Disaster Recovery Center, BMC System Monitoring, Active Directory, Oracle8i on NT4 Cluster, NT Domain, DC operation |

* Acting ***“Data Center Manager”*** between June to October 2004
* He has “Full” authorization on making decisions regarding DC operation, planned and unplanned maintenances, problem solving, technical issues concerning all on-going SAP implementation at Holcim, e.g. Holcim Consolidate, Holcim HR, Holcim BW, new DC, etc.
* His team consists of 2 IBM Technical Consultants (Technical Supervisor level) supporting him on technical problem solving, decision-support information and technical concerns on every decision, 4 IBM Consultants on DC operation level.
* Since Holcim DC is a joint-venture operation of IBM and HP, he manages 2 teams:
  + IBM operation team – on SAP System Administration, Database Administration, Reporting
  + HP operation team – on Operating System Administration, Network Administration, Hardware Management (e.g. Servers, Enterprise Storages), Backup and Media Management, System Monitoring and Reporting, Access Control and so on.
  + Both teams support Holcim 24x7 operation.
* On Holcim DC operation, he manages the team to support SAP R/3 systems, webSALES systems, SAP HR, SAP Business Warehouse (BW), SAP CRM, Archiving (IXOS) system and more.
* On Holcim Data Center Consolidation project, to take almost all SAP systems from NIIT Data Center and move to IBM Data Center along with major DB/OS platform upgrade from Oracle8i to Oracle 9i and Windows NT4 farm to Windows 2000 Advanced Server farm including upgrade all systems at Disaster Recovery Center, he also manage cooperation of many teams to complete the project. The project team includes:
  + IBM BCS DC Operation Team
  + IBM BCS Consolidate Project Team
  + HP DC Operation Team
  + HP Consolidate Setup Team
  + DataPro Consolidate Setup Team
  + Veritas Consolidate Setup Team
  + IBM Storage - Consolidate Setup Team

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| Client | **IBM Business Consulting Services** |
| Project | Acting “SAP Technical Team – Resource Management” |
| Technology | Various platforms |

* Acting on behalf of his direct boss for approx. 2 months, while his boss is on 2-month Ordinance Leave. He will manage the project assignment for incoming new projects or proposals for new IBM BCS clients.

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| Client | **CP-RAM and Retailink, CP 7-Eleven group** |
| Project | SAP Phase II Implementation |
| Technology | SAP R/3 4.6C SR2 with Oracle9i, HP’s High Availability (HA) solutions – local cluster fail-over and Metro cluster fail-over, DC and DRC fail-over and fail-back, HP Data Protector (OmniBack) |

* Work with HP and client project management on resizing hardware to support Phase II going live
* Review SAP System Landscape, Client Deployment Strategy, Change Management Strategy for both Phase II and on-going support (CP 7-11)
* Plan and control Technical Implementation for Phase II
* Provides technical consulting for GoSoft Basis Administrator during implementation and 2-company going live at the same time
* Plan and supervise DC relocation (SAP part) from CP Tower to new Data Center at Tarapark

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| Client | **Asia Cement Public Company Limited** |
| Project | SAP System Landscape Improvement |
| Technology | SAP R/3 4.6C SR2, SAP R/3 3.1H, HP Data Protector (OmniBack) on Windows |

* Create Reference Production system on SAP R/3 3.1H using System Restore on the desired server
* Migrate Development system, SAP R/3 4.6C SR2 from old server to new server
* Configure HP Data Protector to be able to perform system restore and homogeneous system copy
* Create Quality Assurance system using Homogeneous System Copy on Windows 2000, MS SQL 2000 using HP Data Protector features
* Setup Quality Assurance environments, e.g. UAT (User Acceptance Test) client, Master Training client and End-user Training client
* Setup and perform Master Data Transfer using ALE (Application Link Enabling) technology for UAT client
* Configure CTS (Change and Transport System), CUA (Central User Administration) and TMS (Transport Management System) for 3-System Landscape. Previously, ACC systems was running on 2-System Landscape configuration

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| Client | **KingsPower Duty Free** |
| Project | SAP R/3 3.1H to 4.7 Enterprise Upgrade /  with OS Migration from Sun Solaris to IBM AIX |
| Technology | SAP R/3 3.1H on Solaris\_Oracle 7x, SAP R/3 4.7 Enterprise on AIX\_Oracle 9i |

* Work with Senior Consultant, by providing her technical recommendation of upgrade strategy, technical concerns and all relevant technical aspects, to prepare proposal for the client
* Join Proposal Presentation at client office and provide answers on technical questions, e.g. regarding upgrade strategy, technical concerns and OS migration

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| Client | **Holcim Asia** |
| Project | Annual DRC Drill |
| Technology | SAP R/3 4.6C NT\_Oracle, Veritas Backup solution |

* Part of IBM Technical team to perform Annual DRC Drill for Holcim Asia at IBM-HP operated Data Center and Disaster Recovery Center
* Attend several meetings on preparation of DRC Drill
* Perform DRC Drill at DRC site (INET) – including apply Oracle Redo Log from DC after DC was deactivated, Activate DRC, monitor and support DRC during its operation, perform Backup for DC recovery, Deactivate DRC, Restore DRC and put it in standby mode, and so on
* The DRC Drill was successful with satisfaction of the client and IBM BCS Management

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| Client | **Holcim Asia** |
| Project | New SAN PoC (Prove of Concept) Demonstration |
| Technology | IBM Enterprise Storage System, SAP R/3 4.7 Enterprise on Windows 2000 / Oracle 9i |

* Acting ***“Data Center Manager”*** for 10 days, including weekends and holidays, while DC Manager was on business trip to Germany, Singapore and Japan
* Setup SAP R/3 4.7 Enterprise on Windows\_Oracle platform for IBM ESS (new SAN) acquisition Prove-of-Concept demonstration in Bangkok
* Work with IBM Storage and IBM Business Partner teams – Metro Systems and Data Craft, to prepare and make this successful demonstration within 2 working days

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| Client | **Holcim Asia** |
| Project | Database Upgrade for SAP systems |
| Technology | SAP R/3 4.6C NT\_Oracle on NT Cluster, Oracle RDBMS, Oracle Failsafe |

* Upgrade Oracle RDBMS executables and database from Oracle 8.0.6.x to Oracle 8.1.7.4 on Development and Lived Production which has been operated on 24x7 basis in IBM-HP operated Data Center

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| Client | **HomePro** |
| Project | Phase II – Continuous Improvement |
| Technology | SAP R/3 4.6C |

* Implement technical recommendations as stated in the recommendation report   
  completed by IBM BCS
* This includes SAP authorization, backup solutions, system administration strategy and so on

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| Client | **HomePro** |
| Project | Phase I – SAP Administration and Infrastructure Assessment |
| Technology | SAP R/3 4.6C |

* Study and complete recommendation reports for continuous improvement on current SAP administration, SAP performance issues, potential technical problems, SAP data center and operation and so on

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| Client | **Carrefour Asia** |
| Project | MARCO POLO Project – Carrefour Asia Merchandising Suite Project |
| Technology | IBM AIX, Oracle 9i, Retail and Supply Chain Suite, EAI,  Tivoli Storage Manager, BMC Patrol |

* Coordinate with many vendors and implementers to setup Development environment for new merchandising suite which include GOLD Central 5.0, GOLD Shop 5.0, SeeBeyong e\*Gate Integrator 4.5.3, Tivoli Storage Manager, BMC Patrol and so on
* Verify the system setup on IBM AIX and Windows servers and machine room setup
* Coordinate with vendors on Machine room setup, including Air conditioning, network cabling, electricity wiring with UPS, Blind curtain installation, etc.
* Prepare and control Implementation Detail Plan for Technical Architecture team
* Create deliverables on System Management Strategy, Technical Architecture and Technical Prove of Concept
* Work with project team members from France, Netherlands, Australia, India and Hong Kong

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| Client | **CP 7-Eleven Group, InfoTech Vision** |
| Project | SAP R/3 4.6C Phase I Implementation with DC & DRC setup |
| Technology | SAP R/3 4.6C SR2 with Oracle9i, HP’s High Availability (HA) solutions – local cluster fail-over and Metro cluster fail-over, DC and DRC fail-over and fail-back, HP Data Protector (Omni Back) |

* Work with IBM Technical team in designing SAP R/3 System Landscape and Architecture for SAP R/3 implementation to support 3 companies in CP 7-Eleven Group
* Technical Team Leader for Phase I implementation with Technical team members from IBM, Infotech and GoSoft
* Supervise IBM Technical Consultant on SAP technical implementation for the project
* Setup all SAP R/3 systems for 3-system landscape
* The hardware configuration was designed to provide 99.99% and 99.95% System Availability
* Worked with HP to setup Data Center (DC) and Disaster Recovery Center (DRC) with local cluster fail-over and continental cluster fail-over
* Developed system management strategy for DC and DRC
* Supervise Acceptance Test for DC and DRC, Zero-downtime Backup solution, Local Cluster fail-over, Continental Cluster fail-over, DC and DRC fail-over and fail-back and so on

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| Client | **PEA – Provincial Electrical Authority of Thailand** |
| Project | SAP Implementation |
| Technology | SAP R/3 4.7 Enterprise on Oracle9i |

* Setup a demo system for IBM presentation to the client in very limited time given.  
  Share a part of this project sales win for successfully setup the demo system in time.

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| Client | **ExxonMobil** |
| Project | Outsourcing: IT Professional |
| Technology | SAP R/3 4.0B, Remedy system |

* As an Global Transport – Integration Analyst, in Integration team of ExxonMobil AP GSA COE, for 2 months period while client was recruiting a permanent staff
* Analyze and consolidate Global transports from Europe system landscape   
  into South East Asia (SEA) system landscape and Japan (J) system landscape  
  while avoiding conflicts with local enhancements and fixes
* Coordinate reviewing, testing and problem solving with COE team
* Complete detail procedure documentation for Integration Analyst’s reference and to share with other stripes, e.g. Europe and Japan on how South East Asia will perform certain integration tasks

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| Client | **Bridgestone Thailand** |
| Project | SAP R/3 4.6C Implementation |
| Technology | SAP R/3 4.6C SR2, DB2/400 database, OS/400, IBM i-Series (AS/400) |

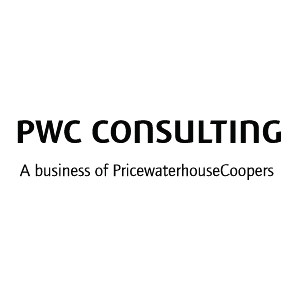
* Setup one SAP R/3 Training system for ABAP and Basis training
* Supervise IBM Technical Consultant on SAP technical implementation for the project

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| Client | **Chalern Pokkapan Group (C.P. Group) – CP Food** |
| Project | SAP R/3 4.6C Implementation |
| Technology | SAP R/3 4.6C SR2, HP-UX, Oracle |

* Technical consulting during Final Preparation, Going Live and Post-Go live support

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| Client | **Italian Thai Development** |
| Project | SAP R/3 4.6C Implementation |
| Technology | SAP R/3 4.6C SR2, DB2/400 database, OS/400, IBM i-Series (AS/400) |

* Phase I Implementation including FI, PS, CO, MM, SD, PP, PC.
* Full technical implementation for SAP Phase I implementation
* Supervise IBM Technical Consultant on SAP technical implementation for the project
* Setup Development, Quality Assurance and Production systems
* Evaluate IT Infrastructure to support SAP deployment, including WAN, LAN, remote access and Desktop management including site visit, e.g. Suwannabhum Airport
* Knowledge transfer for System Architecture, System Administration, Change and Transport System, Authorization, Printing and so on.

pwc

<http://www.pwc.com/>

**Technical Consultant / Enterprise Resource Planning (ERP-SAP)***June 1996 – November 2002*

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| Client | **Hitachi Computer Products (Asia) Corp. – HICAP, Laguna, Philippines** |
| Project | WHISE 4 – SAP R/3 Release Upgrade (4.0B to 4.6C SR2) |
| Technology | SAP R/3 4.6C SR2 Upgrade, Oracle 817 migration,  Homogeneous System Copy, HP-UX 11.0 (64-bit) |

* He was on this assignment in Philippines for 5 weeks.Perform two R/3 upgrades including Test Development, and Development systemsIntroduce and implement new system administration features, including Transport Management System (TMS), Central User Administration (CUA), Role-based Authorization and User Menu.Knowledge transfer on delta System Administration of 3.1H to 4.6C

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| Client | **Holcim - Siam City Cement (Public) Company Limited** |
| Project | CONNECT Logistics Improvement – mySAP Supply Chain Management (SCM) : SAP Advanced Planner and Optimizer (APO) |
| Technology | SAP APO 3.10 Thai, MS Windows 2000 Advanced Server |

This project includes the implementation of SAP APO (Advanced Planner and Optimizer), R/3 LES (Logistic Execution System), VMI (Vendor Managed Inventory), MRP (Material Resource Planning), Web Interface for certain processes, e.g. vehicles tracking and tendering, and enhancements to MM (Material Management). The project objectives include setting up configuration template for roll out of SAP Logistics solution with APO over 5 countries including Thailand, Vietnam, Indonesia, Sri Langka and Bangladesh. The prototype development was conducted with SAP CoE (Center of Excellence) in SAP AG in Waldorf, Germany.

* Sizing and install the APO / liveCache and Optimizer server which are integrated with existing 'live' SAP R/3, webSALES (ITS-B2B) and CRM systems
* Worked with SAP CoE team for mySAP SCM (Supply Chain Management) for 3 weeks at SAP AG, Walldorf, Germany
* Technical implementation for the project

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| Client | **CPF Trading, CP Group** |
| Project | ASP – Application Service Provider: SAP R/3 4.6C Template |
| Technology | SAP R/3 4.6C SR2, MS Windows NT 4.0 |

This project develops configuration templates on SAP R/3 4.6C for rapid implementation of ASP clients, initially CPF Training. The template includes FI, MM, SD and PP modules.

* Setup Master Template server on SAP R/3 4.6C SR2 at PwC office
* Technical assist for project team during template development

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| Client | **Serm Suk Public Company Limited – PEPSI** |
| Project | SAP R/3 Release Upgrade – from Release 3.1H Thai to 4.6C SR2 Thai |
| Technology | SAP R/3 4.6C SR2 Thai Upgrade, Migration tools,  Oracle 817 migration, Sun Solaris |

This R/3 upgrade is a challenge assignment since it is a big leap of upgrade from R/3 release 3.1H Thai localized (add-on) version to 4.6C with Thai features built-in. Migration of 3-year localized productive data requires additional 'Migration' procedures and utility in addition to normal R/3 upgrade procedures.

* Perform five R/3 upgrades including Test Development, Development, Test Production #1, Test Production #2 and actual Production systems to minimize productive system downtime and impact to business.
* Introduce and implement new system administration features, including Transport Management System (TMS), Central User Administration (CUA), Role-based Authorization and User Menu.
* Develop entirely new Role-based authorizations and new assignment of all User IDs in productive system
* Knowledge transfer on delta System Administration of 3.1H to 4.6C
* Going Live support after production upgrade

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| Client | **Morning Star Cement Company Limited, Ho Chiminh City, VIETNAM** |
| Project | SAP R/3 Implementation: Phase I (FI, CO, MM, SD and PP) |
| Technology | SAP R/3 4.6C SR2 Thai, System Restore and Recovery, MS Windows NT 4.0 Thai |

As a subsidiary company own by the same owner of Siam City Cement, MSC is sharing the same SAP R/3 system landscape as Siam City Cement. This leads to higher degree of planning and control to ensure smooth operation of more than one company running in the same SAP R/3 systems.

* On one-day rescue mission in Vietnam to fix database blocks corruption   
  due to faulty disk subsystems
* Restore development system backup onto newly-acquired test system in Vietnam in one day
* Technical support for SCCC Upgrade Going Live! Period
* Move Development System from one physical server to another physical server by performing fresh installation and system restore
* Design the control mechanism for both companies (MSC and SCCC) for R/3 change manage
* Technical consulting for SCCC and MSC Basis staff for on-going support and R/3 implementation

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| Client | **TA Orange Co., Ltd. (currently “TrueMove”)** |
| Project | SAP R/3 Implementation: Phase I and II |
| Technology | SAP R/3 4.6C SR2 Thai, Homogeneous System Copy, HP-UX 11.0 (64-bit) |

Leads Technical Team which includes Datamat, PwC and TA Orange Basis Administrators for Phase I and Phase II Technical Implementation

* Homogeneous System Copy to create Quality Assurance System during Phase II implementation
* Technical implementation of Phase I and II
* Knowledge transfer for technical team members including R/3 4.6C topics on System Architecture, System Landscape and Client Strategy, Authorization, Central User Administration, Change and Transport System, R/3 Backup system and so on

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| Client | **Hitachi Computer Products (Asia) Corp. – HICAP, Laguna, Philippines** |
| Project | WHISE 2 – SAP R/3 Implementation: Phase II (SD, IM, WM, TR-CM) |
| Technology | SAP R/3 4.0B, Homogeneous System Copy, HP-UX 11.0 (32-bit) |

This is an SAP Implementation using PwC Ascendant methodology. He was on this assignment in Philippines for 5 months.

* Perform Homogeneous System Copy from Production (PRD) Server to create new Quality Assurance (QAS) Server, which fortunately it was decided to be resided on the same host as Development (DEV) Server. Also set up system environment for the new 3-system landscape.
* Continuous Technical Implementation for Phase II - SAP Implementation: including Change and Transport System, Authorization.

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| Client | **Toshiba / Carrier (Thailand) Co., Ltd. – TCTC** |
| Project | Quality Assurance – Technical Review |
| Technology | SAP R/3 4.6C |

Toshiba/Carrier has another consulting firm implement SAP R/3. However, PricewaterhouseCoopers was appointed to perform the QA task for this implementation. They planned to go live on October 31, 2000.

* Technical review of IT Infrastructure, SAP R/3 Technical Implementation including System Landscape, Client Strategy, Client Attributes, Disaster Recovery Plan, and so on. The deliverable was prepared for this review.
* Go Live Assessment - Technical section.

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| Client | **Hirai – Saha Group** |
| Project | ASP Client – SAP R/3 Implementation (FI) |
| Technology | SAP R/3 4.0B Thai, MS Windows NT 4.0 |

As the first client for ASP project (refer to ASP project below), Hirai has gone live on September 2000 using standard ASP customizing template.

* As second-line basis support for this client while Datamat Basis Team is the first-line basis support.
* Promote to Production. Transport both standard customizing templates from Development server in Bangkok to Development and Production server in ASP Data Center in Sriracha.
* Ensure all production environment was ready before going live.

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| Client | **PwC – Business Development Project** |
| Project | ASP – Application Service Provider |
| Technology | SAP R/3 4.0B Thai, MS Windows NT 4.0 |

ASP is an initiative project in Thailand with partnerships between SAP Thailand, PricewaterhouseCoopers, Datamat (Public) Co., Ltd. and Internet Thailand (Thailand's leading ISP). This new business is targeted at SME (Small and Medium Enterprises) in Thailand with affordable application providing solutions. Multiple clients can utilize SAP R/3 applications based on standardized customizing templates created by PwC. All they need is standard Internet Browser to access R/3 services at ASP Data Center in Sriracha, Cholburi province.

* Basis Support including Change and Transport Management and standard system maintenance for Development Server in PwC office for PwC consultants to develop ASP customizing template.
* Brief Knowledge Transfer for Datamat's Basis Team

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| Client | **Siam City Cement (Public) Company Limited – SCCC** |
| Project | SAP R/3 Implementation: Phase II (PP, PM, MM) |
| Technology | SAP R/3 4.0B Thai, MS Windows NT 4.0, WAN |

Siam City Cement is the second largest cement manufacturers in Thailand.

* Provide technical consulting for Client Basis team for Phase II - SAP Implementation, including Change and Transport System, Profile Generation
* Technical Supports during data conversion and Going Live! Period

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| Client | **Siam City Cement (Public) Company Limited – SCCC** |
| Project | New Eagle – SAP R/3 Implementation: Phase I (FI, CO, MM, SD) |
| Technology | SAP R/3 4.0B Thai, MS Windows NT 4.0, WAN |

* Performed SAP R/3 4.0B SR-1 Thai Installation - Development Server
* Responsible for Basis Administration including Change and Transport System, Security using Profile Generator, Backup Planning for Development Server
* Coordinate with NIIT (Thailand) Co.,Ltd., the outsourcing company which provides application and server hosting services, on promote to production, client strategy, authorizations, ALE, performance issue and all technical issues.
* System Landscape Planning
* Knowledge Transfer including SAP Architecture, Basis Administration and Profile Generation
* Provided recommendations of infrastructure improvement - including network design and computer center setup

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| Client | **United Broadcasting Corporation – UBC (currently “TrueVisions”)** |
| Project | SAP R/3 Implementation: Phase I (SD with relation to FI/CO, MM) |
| Technology | SAP R/3 4.0B SR1 Thai, Sun Solaris |

UBC is the biggest cable TV company with nationwide coverage.

* Performed SAP R/3 4.0B SR-1 Thai Installation on 2 servers - Development and Production Servers on Sun Solaris platform.
* Responsible for Basis Administration including Change and Transport System, Security using Profile Generator, Backup Planning
* System Landscape Planning
* Knowledge Transfer including SAP Architecture, Basis Administration and Profile Generation
* Provided recommendations of infrastructure improvement - including network design and computer center setup

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| Client | **Dentsu (Thailand) Co., Ltd.** |
| Project | SAP R/3 Implementation: FI, CO, MM, SD using Accelerated SAP |
| Technology | SAP R/3 4.0B Thai, MS Windows NT 4.0 |

* Performed SAP R/3 4.0B Thai Installation on 3 servers - including Temporary, Development and Y2K Test Servers
* Prepared and performed System Restore on Y2K Test Servers using one Full Offline Backup tape
* Responsible for Basis Administration including Change and Transport System, Security using Profile Generator, Backup Planning
* System Landscape Planning
* Knowledge Transfer including SAP Architecture, Basis Administration and Profile Generation
* Provided recommendation of infrastructure improvement - including network design and computer center setup

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| Client | **Serm Suk Public Company Limited – PEPSI** |
| Project | SAP R/3 Implementation: Phase I |
| Technology | SAP R/3 3.1H Thai, MS Windows NT 4.0 |

* Responsible for Basis Administration including SAP Printing, Backup Planning
* System Landscape Planning
* Knowledge Transfer including SAP Printing, Backup, User and Authorization and Operation Modes

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| Client | **Ericsson Company Limited** |
| Project | SAP R/3 Implementation: Phase III |
| Technology | SAP R/3 3.0F, HP-UX |

* Client Export/Import across the live SAP Application Servers - include intensive preparation, research for planning of procedures, possible impacts and problem handling.

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| Client | **ThaiOil (Public) Company Limited** |
| Project | SAP R/3 Implementation: FI/CO |
| Technology | SAP R/3 3.0F Thai |

* Prepared SAP Basis Administration: Operation Manual, which contains Daily and Monthly Basis Tasks including some Database Administration tasks.
* Participated in late of the R/3 implementation project – Basis administration before and after Going Live day.

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| Client | **Government Saving Bank of Thailand** |
| Project | SAP R/3 Implementation: Financial Information System |
| Technology | SAP R/3 3.0F Thai |

* Developed the System Test Scripts to test the 'upload' processes from Data Entry at Standard-Alone Software (SAS) all the way through uploading to UNIX hosts at Regional Offices nationwide, uploading to UNIX hosts at Head Quarter and finally import to SAP through batch input processing. The test scripts covers testing for download and upload processes to and from both Offline and Online Branches (over 600 branched) nationwide.
* Reviewed and gave recommendations on the Stress Test, Volume Test guideline in the final deliverables.

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| Client | **Sino-Thai Engineering & Construction PCL – STECON** |
| Project | IT Strategy |

* Propose the network design to improve the System Availability and Accessibity for Regional Offices and several branches in upcountry of Thailand and Head Quarter in Bangkok. It includes alternatives for WAN (Wide Area Network) including Frame Relay circuit, Leased Lines and Satellite Links

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| Firm | **Price Waterhouse Management Consultants Ltd., Thailand** |
| Role | Information Technology Management |

* Managing Price Waterhouse Internal IT projects and Office Technology including Computer Center, Computer Networking, Network Management, Remote Access / Remote Control and Data Communication, Electronic Messaging and Knowledge Sharing, IT Standard and Policies.
* Provides Technical Consulting services for all PW staffs in the office and at the client projects, administer PW Bangkok Network, supervising Lotus Notes Administration for Bangkok offices, plan and put the right office technology at work to support PW business.
* Representative of PW Thailand practice for PW ITS Conference 1997 in Sydney

Several Price Waterhouse ITS projects for Asia Pacific were completed including:

* ***Office Technology Upgrade****:* 3 new server installation including Novell NetWare 4.10 Server, Lotus Notes 4.5 Domino Server running on MS Windows NT 4.0, DataPac Winframe Server.
* ***System Reliability Upgrade****:* All new servers are powered by RAID-5 Disk Arrays with UPS Monitoring and automatic shutdown active. All new servers and hardware were mounted to Compaq Rack System for easy maintenance and accessibility.
* ***Data Security Upgrade****:* Backup and Recovery guideline were established and implemented. Daily, Weekly and Monthly Backup were logged and tracked daily.
* ***Electronic Messaging, Workflow and Knowledge Sharing Upgrade****:* from Lotus Notes Server 2.2 on OS/2 2.1 upgraded to Notes 3.33 on OS/2 Warp, and from Lotus Notes Server 3.33 to 4.52 on Windows NT 4.0 Server. All Lotus Notes Clients on all PCs were upgraded from 2.2 to 3.33, and 3.33 to 4.52 at the same time with the server upgrades.
* ***Network Standardization****:* standardize Servers Configurations, User Interfaces, File system, Security system, Drive Mapping and Internet, and so on

***PW@WORK Migration****:* upgrading all desktop and notebook computers to MS Windows 95 with MS Office 95, standard Antivirus solution, PW methodologies and standard user interface **INFORCORP CO., LTD.**, Thailand



Deputy Managing Director, Entrepreneur*March 1990 - May 1996*As his own business, Inforcorp Co., Ltd. is a System Integration and Network Specialized company founded since 1987. The company offers wide range of leading PC brands, networking and integration solutions, System Fault Tolerance for Government agencies, Hospitals and Hotels nationwide.

* ***General Management*** - System Integrator & Network Specialized Company
* ***Project Sales and Bidding***- System Integration, Turnkey system for business firms and government agencies
* ***Project Management***- Planning, Staffing, Controlling and evaluating the projects with both business firms and government agencies
* ***Computer Network***Designing, Installation Supervision, Implementation, Performance Tuning, Problems Solving
* ***Hardware and Software Evaluation / Product Selection****:* servers/networking, multimedia, desktop publishing
* ***Supplier Relations****:* Sales Forecast, Dealer Meetings, working to meet Authorized Dealer requirements
* ***Business Development****:* penetrate nationwide market by appointing Upcountry Sub dealers

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| Client | **The Royal Thai Police, Ministry of Interior, Thailand** |
| Project | Police Information System Center (PISC) |
| Technology | Novell Netware, 10Base-T, 10Base-2 backbone |
| SI Partner | Shinnawatra Computer and Communication Public Company Limited (SC&C) |

* Proposed and won the project sales.
* Designed and supervised the installation of Local Area Network and File Servers   
  for the 12-story Police Command Center Building.

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| Client | **The Royal Thai Police, Ministry of Interior, Thailand** |
| Project | Information Center for the Office of the Police General |
| Technology | Novell Netware, 10Base-T, Touch screen terminal, Image Processing and Archiving |
| SI Partner | Shinnawatra Computer and Communication Public Company Limited (SC&C) |

* Proposed and won the project sales.
* Designed and setup the information center for The Police General Office including installation of Local Area Network, File Server, Touch-screen, Image Processing and Archiving - KeyFile system. The Police General reviews the digested information from this information center everyday to make the decisions and responses to the events and situations happening.

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| Client | **The Royal Thai Police, Ministry of Interior, Thailand** |
| Project | Police Personnel Information System |
| Technology | Novell Netware, 10Base-T, 10Base-2 backbone |
| SI Partner | Shinnawatra Computer and Communication Public Company Limited (SC&C) |

* Proposed and won the project sales.
* Designed and supervising the installation of Local Area Network for Police Personnel Information Center running their customized HR software.

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| Client | **The Royal Army Province 11, Ministry of Defense, Thailand** |
| Project | Local Area Network of 3 Buildings |
| Technology | Novell Netware, 10Base-T, 10Base-2 backbone |
| Software Provider | ADIS Systems |

* Proposed and won the bidding of this 4.38 million Baht project
* Designed and supervised the installation of Local Area Network which spans among 3 buildings.

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| Client | **The Supreme Command Head Quarters, Ministry of Defense, Thailand** |
| Project | WARROOM – Mobile Computing Center for ‘Cobra Gold’ (Thai-USA) Operation |
| Technology | Novell Netware, 10Base-T, 10Base-2 backbone |
| SI Partner | Shinnawatra Computer and Communication Public Company Limited (SC&C) |

* Proposed and won the project sales.
* Setup the WARROOM for the War Simulation in the 'Cobra Gold' operation, Thai-US Annual Military Combat Practice operation. The network is moved to the simulation site in upcountry and back to the head quarter after the operation completed.

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| Client | **The Shell Company of Thailand** |
| Project | Yearly Preventive Maintenance Contract and On-site Engineer Contract |
| Technology | Preventive Maintenance, Networking, Anti-virus, PC Troubleshooting |

* Proposed and won the sale of Yearly Preventive Maintenance Contract for all PCs and Printers in Shell's Head Office and its Oil inventories - approximately more than 300 PCs and 200 printers.
* Also won a contract to have the PC Engineer to work at Shell for one year.

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| Client | **Boon Rawd Brewery Co., Ltd. (Singha Beer), Bangkok, Thailand** |
| Project | Management Information System – Computer Center |
| Technology | Novell NetWare, 10Base-T, 10Base-5 backbone |

* Proposed and won the project sales.
* Setup the network as the infrastructure for Management Information System and Stock Monitoring system to serve Boonrawd's top management and for development team. The data are downloaded and imported from IBM AS/400 system which links to regional warehouse and distribution centers nationwide via satellite links.

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| Client | **Samart Corporation, Bangkok, Thailand** |
| Project | Mobile Computing Center for The Royal Family,  Ministry of Interior, Thailand |
| Technology | Mobile Computing |

* Proposed and won the project sales.
* Provided the mobile computing facilities - notebook computers as a part of the fully equipped mobile computing and communication center which includes satellite dish, wireless communication, and so on. These 12 vans will be there anywhere in Thai Kingdom when anyone of The Royal Family, including His Majesty The King and Her Majesty The Queen, travel to ensure high security and communication ability at all time.

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| Client | **NOVA group, Bangkok, Thailand** |
| Project | Metropolitan Area Network (MAN) of NOVA group |
| Technology | Novell NetWare, 10Base-T, MAN and Routers, PSTN |

* Proposed and won the project sales.
* Designed and setup the Metropolitan Area Network that links 3 offices of NOVA group in 3 distance sites in Bangkok together to access the new Accounting System from Canada.

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| Client | **Bangpakok 1 Hospital, Bangkok, Thailand** |
| Project | Hospital Management System – UNIX based |
| Technology | High-Availability System, 10Base-T, 10Base-5 backbone, Central UPS |
| Software Provider | Kian Gwan Computer System |

* Proposed and won the bidding of this 2.2 million Baht project.
* Designed and supervised the network installation for this project from the very beginning of the hospital construction.
* Cooperated with the main constructor and the electricity contractor, he managed to get the structural wiring completed and operatable in time of the hospital soft opening day.
* The network and PC-based UNIX workstations were installed throughout the hospital to complete the Hospital management System. Central UPS is used to supply the power to all servers and computing equipments in the hospital.

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| Client | **Bangpakok 3 Hospital, Bangkok, Thailand** |
| Project | Hospital Management System – UNIX based |
| Technology | High-Availability System, 10Base-T, Fiber Optics backbone, Central UPS |
| Software Provider | Kian Gwan Computer System |

* Proposed and won the bidding.
* Designed and supervising the network installation from the very beginning of the hospital construction cooperated with the main constructor and electricity contractor. Fiber Optics backbone links all the distributed and central hubs together. PC-based UNIX workstations were installed with UNIX printing system on 2 floors. Central UPS is employed.

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| Client | **Bangpakok 2 Hospital, Bangkok, Thailand** |
| Project | Hospital Management System – DR.COM to UNIX based |
| Technology | High-Availability System, Novell NetWare, 10Base-T, 10Base-5 backbone |
| Software Provider | Computer Insight Group |

* Proposed and won the bidding
* Setup the network for the old hospital, which later connected to Bangpakok 1 Hospital, the new building with 10Base-5 backbone. The old software implemented was developed on FoxPro platform and was switched to the UNIX-based Hospital Management Software later.

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| Client | **Bangpakong Piyavej Hospital, Chacherngsao Province, Thailand** |
| Project | Hospital Management System – DR.COM |
| Technology | High-Availability System, Novell NetWare, 10Base-T, 10Base-2 backbone, Central UPS |
| Software Provider | Computer Insight Group |

* Proposed and won the bidding of this 1.7 million Baht project.
* Designed and supervising the network installation from the very beginning of the hospital construction cooperated with the main constructor and electricity contractor. DR.COM system was developed on FoxPro platform.

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| Client | **Overbrook Hospital, Chiang Rai Province, Thailand** |
| Project | Hospital Management System – DR.COM |
| Technology | High-Availability System, Novell NetWare, 10Base-T, 10Base-5 backbone, Central UPS, SFT-II: Disk Duplexing |
| Software Provider | Computer Insight Group |

* Proposed and won the bidding of this 2.3 million Baht project.Setup the network for this 100+ year-old hospital. He designed and supervising the network installation from the very beginning of the new hospital building construction cooperated with the main constructor and electricity contractor. The System Fault Tolerance - Level II, Disk Duplexing on NetWare was implemented to provide higher system reliability.

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| Client | **Dhanakarn Hospital, Kanchanaburi Province, Thailand** |
| Project | Hospital Management System |
| Technology | High-Availability System, Novell NetWare, SFT-II : Disk Duplexing |

* As a support for his dealer in upcountry, he presented the network design and helped the dealer to won the bidding.
* Installed the network operating system - Novell NetWare with System Fault Tolerance Level II: Disk Duplexing implemented. The client uses 2 servers as the primary and secondary servers to be the backup of each other. The procedures were set fro facilitate semi-automated data synchronization of these two servers.

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| Client | **Bossotel Hotel, Chiang Mai Province, Thailand** |
| Project | Hotel Management System |
| Technology | Novell NetWare, 10Base-T |

* Proposed and won the sales.
* Setup the network for this hotel to implement the hotel management software.

1. TSP (Technical Supervisor) is a special organization in IBM BCS Technical Team where TSP is a senior Technical Consultant who will provide coaching for a number of TROs (Technical Routine Operation) or other technical consultants on technical issues during implementation, installation or technical tasks including coaching their directions of their careers. [↑](#footnote-ref-1)