
Key Personnel Resume

Ir. Chow Chin Seang PEng. MIEM, MASHRAE (Co-Founder)

Managing Director

Ir. Chow is a mechanical engineer by profession, having more than 18 years of experience in engineering design, project management and company management as an engineer. His technical expertise includes detailed mechanical system design and field construction management, as well as all aspects of value engineering, project scheduling and cost containment. He has detailed experience working on Cleanroom construction, Mechanical Plant Room construction, Process Engineering construction, other Industrial and utility projects.

His company management experience includes overall management of engineering services, personnel and production as operation manager, including growing the company into a firm serving critical facilities clients. He has also led project management group for engineering services.

Education

- Master of Business Administration (MBA), Nottingham Trent University (NTU), 2008
- B. Eng (Hons) Mechanical, Universiti Teknologi Malaysia (UTM), 1999

Registration

- Professional Engineer (PE#13513), Board of Engineers, Malaysia (BEM), 2008
- Member (M#25525), The Institution of Engineers, Malaysia (IEM), 2008
- Member (M#8163424), The American Society of Heating, Refrigerating and Air-Conditioning Engineer (ASHRAE), 2010

Ir. Tan Si Lim PEng. MIEM, ATD (Co-Founder)

Executive Director

Ir. Tan is a mechanical engineer by profession, having 16 years of experience in engineering design, project management and company management as an engineer. His technical expertise includes detailed mechanical and electrical system design and field construction management, as well as all aspects of value engineering, project scheduling and cost containment. He has detailed experience working on Mission Critical facilities, including Datacenters, Telecommunications, Military Command Centers, Military Bunkers facilities as well as other Industrial and utility projects.

His company management experience includes overall management of engineering services, personnel and production as operation manager, including growing the company into a firm serving critical facilities clients. He has also led the Marketing and Sales group for engineering services.

Education

- Master of Business Administration (MBA), Nottingham Trent University (NTU), 2006
- B. Eng (Hons) Mechanical, Universiti Putra Malaysia (UPM), 2001

Registration

- Accredited Tier Designer (ATD#777), Uptime Institute, 2013
- Certified Data Center Professional (CDCP#60011029064548), EPI, 2009
- Professional Engineer (PE#13229), Board of Engineers, Malaysia (BEM), 2007
- Member (M#24322), The Institution of Engineers, Malaysia (IEM), 2007

Ir. Chin Kok You PEng. MIEM, CEng. MIET, ATD

Executive Director

Senior Technical and professional Engineer having more than 18 years of technical and management experience in engineering design, facilities management & operations within building M&E consultancy & construction for Data Centre, telecommunication industries. He is currently a Principal Consultant handling important role in both technical and management activities. Prior to this, he held key technical & management role in network facilities engineering and operations for one of the leading telecommunication companies in Malaysia and as a Technical Consultant of Network Facility for the 3rd telecom operator of Philippines for a total period of 8 years. Prior to this, he was a lead principal engineer in an M&E consultancy firm involving detailed technical design, tender contract preparation & management and site construction supervision.

Education

- BEng (Hons) Electrical & Electronics, University Of East London, United Kingdom
- Diploma in Electrical & Telecommunications, Polytechnic Ahmad Aziz Shah, Kuantan, Malaysia

Registration

- Member of The Board of Engineer Malaysia (Registration No: 25686A)
- Professional Engineer Of The Board Of Engineer Malaysia (PEng No: 10838)
- Member of The Institution of Electrical Engineers, UK (Registration No: 36106116)
- Chartered Engineer of The Engineering Council, UK (Registration No: 516830)
- Accredited Tier Designer (ATD) by The Uptime Institute (Foil No: 756)
- Certified Data Centre Professional (CDCP)
- Membership of The Institute of Leadership and Management

Terry Chan

Executive Director

Terry Chan was a Mechanical Engineer at Tudor Engineering Consultant soon after his graduation. He was then explored further experience into Engineering Design and Project Management for specialize requirement such as Data Centre, Telecommunications, Bomb Prove Chamber M&E Design and Construction, Retrofitting and Modifying Existing Precision Air Cond to become more comprehensive improved equipment to serve telecommunication sectors when it undergoes the technological enhancement (from Edge to 3G to 4G etc), as well as enhancing Life System Upgrade for broadcast industries.

In addition, his experience also includes Sales and Marketing, Mechanical & Electrical Design Consultation for Specialize requirement, Technical Training, System Improvement Retrofitting and Upgrade planning and rollout, Project Management, Cost Saving etc. for the upcoming technology era.

Education

- B. Eng (Hons) Mechanical, University of Sunderland, UK, 1997

Registration

- Certified Data Center Professional (CDCP#60011029064548), EPI, 2009

Yang Chee Wan

Project Manager

Yang Chee Wan has more than 10 years working experiences in the Mechanical & Electrical Engineering field of industry, especially in the Air Conditioning & Mechanical Ventilation (ACMV) industry. He has gained his detailed experiences especially in the area of project management, scheduling, as well as engineering design detailing, tender contract preparation & management and site construction supervision.

Education

- B. Sc. (Hons), Universiti Putra Malaysia, 2005

Project Experiences

Some of the supervised projects for air-conditioning and mechanical ventilation system since 2005 till present

- STEC Technology Sdn. Bhd. - Phase 1 (RM 7,700,000.00) – **greenfield project**
- Jabil Circuit Sdn. Bhd. - Phase P1B (RM 1,960,000.00)
- Altera Corporation Sdn. Bhd. – Phase 4 (RM 10,400,000.00) – **greenfield project**
- Zoomic Technology Sdn. Bhd. (RM 1,231,240.00)
- Alpha Biologics Sdn. Bhd. (RM 1,000,000.00)
- SOC III, Kota Samarahan, Sarawak (Phase I) (RM 6,900,000.00) – **greenfield project**
- Pusat Simulator Pejuang, TUDM Butterworth (RM 880,000.00)
- Rembina, Bayan Lepas (RM 1,740,000.00) – **greenfield project**
- Pantai Hospital, Sungai Petani (RM 690,000.00)
- Entegris, Kulim (RM 830,000.00)
- KOBE, Bayan Lepas (RM 95,000.00) – **greenfield project**
- Scrubber System @ First Solar Kulim (RM 1,035,000.00)
- Schlumberger PKFZ (RM 2,200,000.00) – **greenfield project**
- SOC III, Kota Samarahan, Sarawak (Phase II) (RM 2,680,000.00) – **greenfield project**
- Pusat Simulator Pejuang, TUDM, Butterworth (RM 820,000.00)
- 100K Clean Room @ VAT, Batu Kawan (RM 322,000.00)

Tan Swee Seong

Project Site Manager

Tan Swee Seong has more than 18 years of working experiences in the Air Conditioning & Mechanical Ventilation (ACMV) and Process Utilities Industries.

Greenfield project, or base built for the manufacturing plant would be his area of expertise, as he gained his experiences in this area, when he was attached to one of the leading air conditioning company prior to joining to Critical M&E Engineering Sdn Bhd.

Education

- Dip. Mechanical Engineering, PSDC, 1997

Project Experiences

Some of the supervised projects (inclusive of greenfield project) for air-conditioning and mechanical ventilation system since 2005 till present

- Solelectron P5B, Penang, ACMV Retrofit (RM3,800,000.00)
- Infineon Technologies, Kulim, ACMV & Process Utilities (RM3,250,000.00)
- First Solar, KLM1 – 4, Kulim, ACMV & Process utilities (RM22,000,000.00) – **greenfield project**
- Jotun Paint, Nilai, ACMV & Process Utilities (2,800,000.00) – **greenfield project**
- Westen Digital, Penang, ACMV & Process Utilities (9,260,000.00)
- Bose, ACMV & Process Utilities (RM5,400,000.00) – **greenfield project**
- Schlumberger, Klang, ACMV & Process Utilities (RM2,200,000.00) – **greenfield project**
- Latexx, Taiping, ACMV & Process Utilities (RM3,570,000.00) – **greenfield project**
- First Solar, Kulim, Process Utilities (RM1,035,000.00)

Sean Ooi

Project Manager

Sean Ooi has more than 10 years working experiences in the Mechanical & Electrical Engineering field of industry, especially in the Air Conditioning & Mechanical Ventilation (ACMV) industry. He has gained his detailed experiences especially in the area of project management, scheduling, as well as engineering design detailing, tender contract preparation & management and site construction supervision.

Education

- Dip. Mechanical Engineering, Singapore Polytechnic, 2005

Project Experiences

Some of the supervised projects (inclusive of greenfield project) for air-conditioning and mechanical ventilation system since 2005 till present

- First Solar, KLM1 – 4, Kulim, ACMV & Process utilities (RM22,000,000.00) – **greenfield project**
- Jotun Paint, Nilai, ACMV & Process Utilities (2,800,000.00) – **greenfield project**
- Westen Digital, Penang, ACMV & Process Utilities (9,260,000.00)
- Paradigm Mall, Kelana Jaya, Selangor, ACMV (RM16,000,000.00) – **greenfield project**
- Mydin, Prai, ACMV (RM18,000,000.00) – **greenfield project**
- Bose, ACMV & Process Utilities (RM5,400,000.00) – **greenfield project**
- Schlumberger, Klang, ACMV & Process Utilities (RM2,200,000.00) – **greenfield project**
- Latexx, Taiping, ACMV & Process Utilities (RM3,570,000.00) – **greenfield project**
- First Solar, Kulim, Process Utilities (RM1,035,000.00)

Chan Siang Eng

Sales Manager

Chan Siang Eng has more than 20 years of working experiences since his tertiary graduation from the United State of America (USA) since year 1999.

He gain his experiences in the area of business development, day-to-day office operation when he was attached to his previous company – OCS Courier Service Sdn Bhd, starting as a sales executive, climbing up the ‘ladder’ through rank and file, as the Sales Manager, prior to joining Critical M&E Engineering Sdn Bhd

Education

- B.Sc (Hons) Business Management, Iowa State University, USA, 1999

Tay Ye Swan

Technical Sales Manager

Tay Ye Swan has more than 5 years of working experiences since his tertiary graduation from the University Kebangsaan Malaysia (UKM) since 2010, as a Mechanical Engineering graduated personnel.

He started off his career in the technical application, design and built Mechanical & Electrical Engineering Services, which equipped him the necessary technical know-how, before venture into the technical sales role in the company.

Education

- B.Eng Mechanical Engineering, University Kebangsaan Malaysia, 2010

Jacky Ch'ng Ghee Kok

Service Manager

Jacky has more than 21 years of working experiences in Multinational Organization, which makes him specialize in the Mechanical & Electrical testing & commissioning, field trouble shooting, especially in the control side, and up to the PCB components trouble shooting.

He is currently heading the service division of the organization – nationwide, planning & providing the after sales service & warranty support to all the handover projects from the project division. Apart from the handover project from the project division, the service division to provide manned hotline standby to our contract customer.

Education

- Dip. Electrical & Electronic, FIT, 1995

Lim Chin Ming

Sr. Service Engineer

Lim Chin Ming has more than 8 years experiences in the detailing Mechanical & Electrical field trouble shooting, especially in the control side.

He is currently heading the service division of the company, planning & providing the after sales service & warranty support to all the handover projects from the project division. Apart from the handover project from the project division, the service division to provide manned hotline standby to our contract customer.

Education

- Dip. Mechatronic Engineering, PSDC, 2007