



Henk Thijssen (Curriculum Vitae)

1. Personal data

Name: Henk Thijssen **Mobile:** +66 98 450 8318
Gender: Male **E-mail:** henk.thijssen@hotmail.com
Nationality: Dutch
Country of Residence: Thailand

2. Business profile

- Decisive professional with more than 25 years of significant business exposure and achievements in various industries in leading advanced product, material and process development projects, product testing, supplier development, quality management, operational excellence, customer interfacing and new product introduction into manufacturing
- Significant experience in setting up Technology and Innovation Centers from scratch and leading complex projects restructuring expert organisations in the Netherlands, Hong Kong, China, Singapore and Thailand
- Leader with proven track record in several large international, multi-cultural and multi-site technology and competence transfers
- Sound understanding of and experienced in working with high volume and short lifecycle products where functional and cosmetic product quality is extremely critical

3. Skills and competences

- Setting strategic directions in manufacturing, R&D and engineering and translating that into executable development programs managed strictly by project management
- Driving New Product Developments (NPI) and Program Management from conception to product realization to customers
- Leadership in Quality Management and Supplier Development, driving towards Operational Excellence
- Skilled people manager with focus on competence management
- Excellent leadership and ability to inspire and motivate teams
- Analytical mindset; able to convert complex business requirements into actionable elements of a development roadmap and development portfolio
- Able to manage complex cross-functional projects (led complex technology transfers from the Netherlands to China, from Thailand to China and from Singapore to both Thailand and China) and achieve goals and milestones
- Result oriented, able to take and manage risk, reliable and integer, loyal and committed
- Able to build relationships with internal and external relations in diverse cultures

4. Employment History:

2015.6-2017.1 Bumrungrad International Hospital, Bangkok, Thailand

Senior Director Information Systems Analysis:

- Main responsibilities and characteristics of the function:
 - Reporting to the Chief Medical Information Officer (CMIO)
 - Responsible for the analysis and improvement of the information and communication streams hospital wide, that must lead to enhanced patient safety, quality and efficiency
 - Oversee the analysis of the clinical systems to facilitate integration with the Clinical Information System

- Collaborate with the CMIO in managing the deployment of the Clinical Information System at Bumrungrad including:
 - Planning for budget
 - Planning for personnel acquisition
 - Oversee and coordinate the project portfolio
 - Planning for equipment and capital expenditure
 - Identifying the core requirements of the clinical information system
 - Collaborate with the Financial analysis team
- Main achievements:
 - Implemented the first application in the world of IBM's Watson for Oncology and analyzed the compliance between the systems' outcomes and our oncologists. Watson for Oncology is a revolutionary system that analyzes a patient's medical information against a vast array of data and expertise to provide evidence-based treatment options for cancer.
 - Delivered and presented a detailed proposal to structure the reporting of Critical Values from Laboratory, Radiology and Cardiology to physicians by means of a mobile secure messaging system that is currently under implementation

2010.9-2015.5 MMI Holdings Pte. Ltd, Singapore

2010.9-2015.5: Sr. Director Technology, Product Development, Program Management and Quality
 2010.9-2014.12: Plant Manager Technology Center

- Main responsibilities and characteristics of the functions:
 - Responsible for the global Technology and Product Innovation as well as for the Technology and Industrial Roadmaps of the Precision Forming Business Unit in MMI (multiple HDD precision components)
 - New Product Development and Product Introduction (NPI)
 - Overall Quality and Contamination Leadership across the BU
 - Improve Supplier Quality Management and measurement through Quarterly Business Reviews
 - Process Technology Strategy and Execution at the Manufacturing sites
 - General Management of the Singapore plant
- Main achievements:
 - Member of the management team that led the acquisition of Metalform Asia (140m\$ sales) into MMI Holdings (650m\$ sales)
 - Successfully led the due diligence on technology/IP of another US acquisition into MMI
 - Achieved Quality Supplier of the Year awards in 2013/14 for 2 major suppliers
 - Developed new business with Samsung at a run-rate of 12 m\$ sales per year
 - Successfully transferred the activities, assets and capabilities of the Singapore plant to China and Thailand within a time span of one year (by Dec. 2014)

2007.6-2010.9 Metalform Asia Pte. Ltd, Singapore

Chief Technology Officer:

- Main responsibilities and characteristics of the function:
 - Leading the global Technology Innovation, new Product Development and NPI in the Metalform Group (Singapore, Thailand, China)
 - Responsible for the Innovation Strategy and Technology Roadmaps
 - Member of the Executive Management team of the Metalform Group (1700 employees)
- Main achievements:
 - Transformed the Metalform Group from a reactive component supplier into a pro-active partner of choice for HDD customers, delivering new and innovative solutions
 - Achieved (with the Executive Team) the no. 1 ranking in the Quarterly Business Ratings of our 3 main customers from June 2010 until present
 - Developed and introduced the first non-metal (organic) coating in Hard Disk Drives
 - Filed four patent applications on Hard Disk material and component innovations of which 3 were granted

- 2006.6-2007.6: TPO Display Corporation Ltd., Shanghai, P.R.C.
(JV between Philips Mobile Display Systems and Toppoly Displays)**
- 2002-2006.6: Philips Semiconductors, Mobile Display Systems; Shanghai, P.R.C.**

Director Global Technology Center:

- Main responsibilities and characteristics of the function:
 - Leading the Technology and Development Center that is globally responsible for display design, material, process and testing development and new product introduction (NPI) for mobile display devices in telecom, automotive and consumer electronics
 - Responsible for the Industrial Strategy and Roadmap including driving supplier roadmaps and developments
 - Prepare new designs for market introduction in close cooperation with Product Marketing
 - Member of Plant Management Team of the Shanghai competence center (>6000 staff)
 - Representative of MDS in the Policy Board of the Dong Fei institute of the South East University in Nanjing for Philips' projects allocation

- Main achievements:
 - Defined and established the Display Technology Center from scratch in 2002 to 65 engineering staff in 2005
 - Successfully transferred technologies, design methodologies and capabilities from the Netherlands and Hong Kong to the Shanghai center as part of a large reorganisation
 - Set-up several collaborations and joint labs with local universities, technology centers and suppliers to shorten development time and save costs
 - Started and realized the development of passive color display technology that enabled MDS to be a competitive player and which resulted in becoming the largest worldwide supplier of color displays for mobile applications in 2003
 - Developed and released ultra fine pitch interconnection technologies down to 22um for significant cost savings on IC's in 2005
 - Re-engineered all relevant processes to release a fully lead-free factory in 2005.
 - Have developed and implemented the Industrial Technology Development Roadmap and Project Portfolio management processes with Product Marketing and Advanced Technology teams
 - As a special assignment I was co-responsible for setting up the Product Development Center in Shanghai, which resulted in one of the recognized development centers in TPO consisting of 50 engineers that designs display modules for the top 5 brands in mobile telephony.

2000-2002: Philips Semiconductors, Mobile Display Systems; Hong Kong

General Development Manager

- Main responsibilities and characteristics of the function:
 - Responsible for leading the product and process development center in Hong Kong for development of mobile display devices (75 subordinates) including the display and module development, with close interactions to product marketing, supply base and industrial operations.
 - Member of the project screening committee in MDS on technical viability of commercial projects
 - Member of Philips' APAC Development Council that reported directly to the CTO in the BoM of Philips

- Main achievements:
 - Established the technology development center for process development next to the existing product development center and integrated them one year later
 - Co-responsible for the joint development partnership with an LCD supplier (Citizen) to co-develop new technologies
 - Set-up the technology development strategy and the subsequent execution of the development programs
 - Realised the development of the first TFT display module in MDS for a major US based PDA customer
 - Introduced competency management and development reviews
 - Dismantled and closed the Hong Kong development center in 2002 and transferred the development activity to Shanghai, in line with the relocation strategy of MDS.

1994-2000: Philips Semiconductors, Mobile Display Systems; Heerlen, The Netherlands

1997-2000: Development Manager

- Main responsibilities and characteristics of the function:
 - Leadership of the LCD-display development groups concerning passive display development in all aspects (24 subordinates)
 - Responsible for the development strategy and the execution of the technical innovation programs in the display development groups up until introduction into production.
- Main achievements:
 - Released the chip-on-glass technology that provided MDS a strong competitive edge towards industry leaders in mobile telecom (at that time Ericsson)
 - Developed and maintained the supply base for LCD materials and components

1994-1997: Development Group Leader

- Main responsibilities and characteristics of the function:
 - Daily management of the display group
 - Responsible for the implementation and maintenance of the technology programs, defined in technology roadmaps
 - Responsible for the research and development on new display technologies for automotive and telecom display applications
- Main achievements:
 - Designed new display modes for high contrast and higher information density monochrome displays during the early days of the mobile phone introduction to the consumer market
 - Released a new automotive display together with BMW on a field summer test of a new car

**1986-1994: Philips Medical Systems Nederland B.V.
Business Unit X-ray Image Intensifier Tubes, Heerlen, The Netherlands**

1991-1994 Chief development engineer screen-technology for X-ray image intensifiers.

Responsibilities and achievements:

- Coordinating and initializing technology research and development on input-screen technology
- Improvement of process control in the factory
- Project leader of two major multi-disciplinary projects:
 - Developed a small size (\varnothing 5 cm) X-ray image intensifier until and including the transfer of the production method to factory personnel. Project team: 8 persons.
 - Developed an entire new (ultra-high resolution) input screen for a 23 and 38 cm X-ray image intensifier tube, from the predevelopment stage until and including the factory introduction. Project team: 5 persons.

1990-1991 Interim group leader (luminescence) input-screen

Responsibilities and achievements:

- Leading the input-screen technology group (4 persons).
- Improvement of input-screens of X-ray image intensifier tubes related to resolution and sensitivity

1986-1990 Development Engineer "image evaluation"

Responsibilities and achievements:

- Developed a new measurement method to characterize the noise level of X-ray image intensifiers through digital image processing
- Participating in product development problems solving.

5. Education:

- 1981-1985: Ph.D. in Chemistry and Applied Physics
University of Leiden, the Netherlands
Subject: optical and photo-acoustic spectroscopy at cryogenic temperatures. Resulted in seven publications in international journals and a thesis in 1985
- 1979-1981: Master in Organic Chemistry
University of Leiden, the Netherlands

1976-1979: Main subjects: theoretical physics and experimental organic chemistry.
Bachelor in Organic Chemistry
University of Leiden, the Netherlands

6. Knowledge of foreign languages:

	<u>Oral</u>	<u>Writing</u>
Dutch	Native	Native
English	Full professional proficiency	Full professional proficiency
German	Professional proficiency	Professional proficiency
French	Limited working proficiency	Limited working proficiency
Mandarin	Elementary proficiency	--
Thai	Elementary proficiency	Elementary proficiency

7. References

Upon request

Henk Thijssen
Bangkok, January 2017