


Accomplished Technology and Operations Leader in IT & Software

Bachelor of Science (Honours) in Computing & Software Engineering, Oxford Brookes University (UK)


Born on 30 January 1970 in Middelburg (The Netherlands), married



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## About Me

Accomplished, hands-on, technology and cross-functional operations leader with 20 years of experience in IT and software across logistics, industrial automation, and manufacturing digitalisation. With a career journey from production floors to executive leadership, I combine hands-on expertise with strategic vision.

Known as a *“technical Swiss army knife”* and a trusted leader who upholds integrity at the highest level, with proven success bridging cultural and language divides between Asia and Europe, I bring global perspective and operational excellence to every challenge.

Highly trainable, I recently obtained Certified ScrumMaster® (CSM) and ITIL® V4 Foundation certification in IT Service Management, with next on my list, the design, implementation, and governance of AI.

### **Where I will thrive:**

A technical management position, be it a director, department head, senior manager, team lead, or IT business partner, engaging with, establishing, or managing, any combination of the following teams:

- Software Development teams (also customer facing).
  - Incident and Problem Management teams.
  - IT-Infrastructure and IT-Support teams.
  - Other stakeholders.
- ... in companies of all sizes including start-ups with overlapping roles.

### **What I will bring:**

- The ability to establish, build, develop, and maintain high-performance technical teams and make them work efficiently, effectively, compassionately, in close alignment with company goals.
- The ability to support and mentor any kind of software development, regardless of tech stack, in layman's terms.
- The ability to understand, apply, and support (new) technologies and best practices exceptionally fast.
- The ability to effectively communicate with stakeholders at any level or type of organisation.
- The ability to quickly grasp high level business concepts and requirements down to deeply complex technical levels.
- Hands-on involvement, providing experience, insight, and effective guidance, to team leaders, engineers, and software developers, without micro-management.
- In depth knowledge of Manufacturing Execution Systems (MES).

## Summary & Key Strengths

- Accomplished technology and operations leader in the IT/software sectors of logistics/shipping, industrial automation, and manufacturing information digitalisation.
- Veteran experience, originating from the production environment, evolving through deep hands-on experience, followed by tertiary education, to people leadership & department organisation.
- Up-to-date informed and skilled in significant technological trends in industrial IT.
- Bridging cultural and language barriers between Asia and Europe.
- Highest standards of integrity in cross-functional team leadership.
- Highly trainable and hands-on technical "Swiss Army Knife".

## Professional Experience

Mar 2020 - Feb 2026  
( 6 years )

### Chief Technology Officer

MPDV Asia Pte Ltd • Singapore, Singapore

MPDV Asia Pte Ltd is the Asian subsidiary of the worldwide MPDV Group headquartered in Germany. MPDV delivers the Manufacturing Execution System (MES) HYDRA and the Advanced Planning System (APS) FEDRA for manufacturing companies of all sizes and industries, enabling end-to-end digitalisation of the entire production information management.

#### Skills

Cross-functional Leadership & Management   Cross-functional Communication   Resource Planning  
Cross-functional Mentoring & Coaching   Budgeting & Forecasting   Atlassian Jira & Confluence  
Stakeholder Engagement   Manufacturing Execution System (MES)   Sales Technical Support  
ERP Integration   Windows/Linux Administration   Specification Writing   Technical Consulting

#### Duties

#### As the regional technical manager, among others, responsible for:

- Overseeing and supporting the operations of the development teams in Singapore and Malaysia.
  - **Tech stack:** C/C++, Java, Groovy, MS-SQL, Angular, XML, JSON, C#, REST, DEC, MQTT.
- Budgeting, management, and resource planning of the development teams.
- Performance monitoring and tuning of the development teams.
- Organising and performing training and coaching of new development staff.
- Liaising with HQ development department heads on development process optimisation.
- Building, supporting, and maintaining the IT infrastructure and liaising with IT vendors both in Singapore and Malaysia.
- MES technical consulting and requirement gathering.

#### Achievements

#### Notable achievements:

- Established a new Product Development team in Malaysia, by hiring and coaching 2 new developers and 1 new team leader.
- Established a close relationship with the HQ product development management to allow a better integration of the Malaysia team into established development processes.
- Established a successful '80% working from home' model for both software development teams.
- For the Singapore office, moving to a new smaller office, supported HQ-IT with:
  - Moving and reusing some of the existing IT-infrastructure.
  - Reconfiguring the PABX in accordance with the new hot-desk office setup.
  - Upgrading the Fujitsu rack-server to a new DELL rack-server.
  - Connecting the LAN switch to LAN points at each hot-desk.
  - Re-establishing office-to-office connectivity to HQ.
- For the Malaysia office, supported HQ-IT with:
  - Arranging a fixed IP-address with the Malaysia ISP.
  - Setting-up the LAN and Wi-Fi in a new router.
  - Setting-up office-to-office connectivity to HQ.

Jan 2016 - Feb 2020  
( 4 years 2 months )

## Technical Manager

MPDV Asia Pte Ltd • Singapore, Singapore

### Skills

Cross-functional Leadership & Management   Cross-functional Communication   Resource Planning  
Cross-functional Mentoring & Coaching   Stakeholder Engagement   Software Project Management  
Manufacturing Execution System (MES)   Sales Technical Support   Windows/Linux Administration  
ERP Integration   Specification Writing   Technical Consulting

### Duties

#### As the manager of 3 technical teams, among others, responsible for:

- Overseeing and supporting the operations of the software development team.
  - **Tech stack:** C/C++, Java, MS-SQL, Oracle SQL, Informix SQL, C#, VBScript, Delphi.
- Overseeing and supporting the operations of the technical delivery and customer support teams.
- Management, and resource planning of the development team.
- Training, coaching and mentoring of new technical and software development staff.
- Supporting and maintaining the IT infrastructure and liaising with IT vendors.
- MES technical consulting and requirement gathering.

### Achievements

#### Notable achievements:

- Hired, trained, coached, and mentored a new technical project lead for the growing development team, bringing the development team size to 7.
- Further integrated the Singapore development team into the development team in Germany by working more closely with HQ-management.
- Hired, trained, and coached an additional technical installer for system deployment.
- Hired, trained, and coached a new 1st-level support staff.
- Established a closer relationship with the HQ technical customer support management to allow a better integration into established support processes.
- Established a reputation of being a 2nd and 3rd level support 'powerhouse' within the whole of MPDV.
- Travelled to a USA-customer to settle a number of technical issues, after which they promptly paid their outstanding dues the following week.
- Supported HQ-IT with
  - Moving and reusing some of the existing IT-infrastructure to a new bigger office.
  - Upgrading the DELL VMWare host server to a Fujitsu rack-server and migrate the existing Virtual Machines.
  - Physically installing a new Cisco router for a dedicated line to HQ.
  - Integrating the VMWare servers into the company domain.

Oct 2011 - Dec 2015  
( 4 years 3 months )

## Software Development Team Lead

MPDV Asia Pte Ltd • Singapore, Singapore

### Skills

Software Project Management   Software Design & Development   Team Leadership   Team Building  
Reverse Engineering   VBScript   Hydra-Script   MS-SQL   Oracle SQL   Informix SQL  
Shell-Script   Machine Integration   Manufacturing Execution System (MES)   ERP Integration  
Windows/Linux Administration   Sales Technical Support

### Duties

#### As the leader of a software development team, among others, responsible for:

- Establishing and leading the first MPDV software development team outside Germany.
  - **Tech stack:** C/C++, Java, MS-SQL, Oracle SQL, Informix SQL, C#, VBScript, Delphi.
- Software development project management.
- Design, development, documentation, and delivery of customer specific software enhancements.
- Applying, improving, and guarding software development quality assurance processes.
- Organising and providing 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> level technical support for customers.
- Training and coaching of new development staff.
- Building, supporting, and maintaining the office IT infrastructure.

## Achievements

### Notable achievements:

- Established the first MPDV Solution Development team outside of Germany and building the team from an initial 2, to a total of 5 developers.
- Provided a solid reference base for the development team by:
  - Establishing a knowledge base (wiki) in English to compensate for poorly translated and incomplete development documentation.
  - Personally adding about 90% of available code examples to the knowledge base.
  - Creating a snippet database for most commonly used scripts that can be integrated in Notepad++.
  - Creating syntax highlighting configurations for the MPDV propriety software languages in Notepad++.
- Lead the development and delivery of multiple small to large (60 man-days) development projects.
- Successfully lead 3 weeks on-site development at a customer in China.
- Build the IT-infrastructure of the MPDV Asia office, consisting of:
  - Arranging for a fixed IP-addresses with our ISP.
  - Office-to-office connectivity to HQ.
  - Configuring the router to support 6 public IP-addresses on 1 port (MAC-Binding).
  - Setting-up a VMWare host server, with:
    - 4 Windows development servers (with HYDRA + MS-SQL or Oracle).
    - a SuSe Linux Server (with HYDRA + Oracle).
    - a Windows public FTP server with customer specific logins and access rights, using aliases.

Oct 2010 - Sep 2011  
( 1 year )

## Business Process Management Executive

RCL Feeder Pte Ltd • Singapore, Singapore

RCL is a Thailand-based, regional container shipping line, known as a major Intra-Asian operator. It operates a fleet of over 49 vessels covering Asia, the Indian subcontinent, the Middle East, and East Africa.

### Skills

Business Process Management

Stakeholder Engagement

Cross-functional Communication

Specification Writing

Consulting

### Duties

#### As a member of the Business Process Management team, among others, responsible for:

- Safeguarding and benchmarking interdepartmental SOPs.
- 1st level approval of Change Requests for the new operational software system.
- Creation and verification of technical specifications for approved Change Requests.
- Liaising with external SW vendors on implementation of Change Requests and fixing bugs.
- Fact-finding, data analysis, and creation of ad-hoc management reports for the Managing Director.

## Achievements

### Notable achievements:

- Internally invited to this new position because the Singapore agency head very much appreciated my demonstrated level of effectiveness and transparency in IT-support for the phased out BOXMAN system.
- After talking to stake holders, took the initiative to generate an ad-hoc report (using SQL and Excel) showing the frequency of a specific business scenario that was not correctly represented in the new shipping system. The report provided the Managing Director the proof he needed to finally convince the Board of Directors that a system change that he proposed 2 years ago, is absolutely necessary.

Apr 2007 - Sep 2010  
( 3 years 6 months )

## Analyst / Programmer

RCL Feeder Pte Ltd • Singapore, Singapore

### Skills

Software Design & Development   Visual Basic   HTML   ASP   MS-SQL   XML   RDP  
VNC   Crystal Reports   Reverse Engineering   Gentran Integration System   EDI (EDIFACT)  
Container Tracking

### Duties

**As a “fresh-grad” member of the software development team, among others, responsible for:**

- The support and development of BOXMAN, the RCL container management and tracking system.
- The setup, support, and maintenance of inbound EDI for over 50 container depots and terminals.
- Development, support, and maintenance of container tracking data transfer for over 40 RCL locations.
- Development, support, and maintenance of automated report generation.
- Creation of ad-hoc (data analysis) reports using MS-SQL and MS-Excel.
- IT infrastructural and end-user support (1st, 2nd, and 3rd level).
- Providing training to end-users and other trainers.

### Achievements

#### Notable achievements:

- As a fresh graduate and being employed for 4 weeks, managed to take over the complete support and maintenance of the in-house developed BOXMAN system, which included:
  - Primary function: calculation of the late pick-up and/or late return days of containers.
  - A distributed database system with a central database and over 40 agent location databases.
  - 2 desktop applications, with hard-coded, per business location, policies.
  - Over 60 active users in over 40 international locations.
  - Container movement data transfer between locations.
  - Over 20 automated reports.
  - Very limited documentation.
- Surviving a poorly implemented (transitional) system integration between a new tracking system and BOXMAN, which continued to be used to calculate late charges. The unexpected poor quality of data coming from the new tracking system led to an initial period of up to 120 support emails per day. To bring this situation back under control, I developed and deployed a simple executable, capable of interpreting and executing multiple scripted SQL-statements, allowing to automate patching known data issues.

Jul 1996 - Aug 2003  
( 7 years 2 months )

## Senior Caster

Pechiney Nederland N.V. • Vlissingen, Netherlands

Pechiney Nederland N.V. was a major Dutch aluminium production company based in Vlissingen, established in 1969 as a subsidiary of the French multinational Pechiney. It was a key, large-scale facility for producing primary aluminium extrusion billets, and rolling slabs.

### Skills

Team Leadership   Aluminium Casting   Preparation of Aluminium Alloys   Operating Forklifts  
Operating Industrial Overhead Cranes   Operating Bobcat Machines

### Duties

**As a leading member of a production team, among others, responsible for:**

- Small maintenance and preparation of casting units for production.
- Casting aluminium extrusion billets and rolling slabs.
- Performing quality checks of casted products.
- Preparation of aluminium alloys.
- Training of new production staff.
- Operating forklifts, Bobcat machines, and industrial overhead cranes.
- Replacing the head-caster in their absence on a regular basis.

#### Achievements

#### Notable achievements:

- Through an infectious 'can-do' attitude significantly raised the performance of the team I was deployed.
- As such, assigned to the lowest performing team with the message '*just do what you normally do...*' resulting in that team becoming the best performing team in less than 4 months.
- Due to a head-count freeze, worked for the first 6 years as a temp-staff and because of that the first temp-staff to regularly take on the roll of head-caster.

Jul 1992 - Jun 1996  
( 4 years )

## Stevedore

Stevedoring Company Zeeland B.V. • Ritthem, Netherlands

Stevedoring Company Zeeland B.V. was a Dutch company based in Ritthem, Netherlands, specialising in stevedoring services.

#### Skills

Stevedoring   Operating Forklifts

#### Duties

#### As a member of a stevedoring team, among others, responsible for:

- The loading and unloading of cargo ships, trucks and shipping containers.
- The stowing of goods in storage facilities.
- Operating forklifts.

#### Achievements

#### Notable achievements:

- Raised the standard from 350 to 360 bags of 50kg peanuts stuffed in a 20 foot container, by demonstrating how to more space efficiently place bags into a container.
- With a team of 10 stevedores, and a 'can-do' attitude:
  - Set a new record, by emptying a ship full of 1.5 tons steel-wire coils, 3 days ahead of schedule, without over-time.
  - Managed to manually load 980 tons of 50kg bags of sugar in a single 8 hour day.

Aug 1991 - Jun 1992  
( 11 months )

## Employment Agency Jobs

Short-term projects • Zeeland, Netherlands

#### Skills

Temporary Work   Assembly Work   Steel Cutting   Construction Work   Bartending  
Fish Bait Harvesting   Retail Store   Steel Construction Drafting   Operating Forklifts

#### Duties

A multitude of temporary jobs to catch up on production or helping out during peak season with each job lasting from just a few weeks to a maximum of 2 months.

## National Service

Jan 1989 - Feb 1990  
( 1 year 2 months )

## Corporal

Royal Netherlands Army • Ossendrecht, Netherlands

#### Skills

First Aid   Medical Support   Medical Screening   Inoculations

#### Duties

#### As a member of a military medical unit, among others, responsible for:

- Daily medical support, including military exercises and nursing of overnight patients.
- Assisting in doctor treatments, including minor surgery and taking blood samples.
- Medical screening and inoculations of new recruits and reservist personnel.
- Issuing prescription medication and managing stock of medical supplies and medications.

## Education

Jun 2005 - Oct 2006

### Oxford Brookes University

Bachelor of Science (Honours) in Computing & Software Engineering • UK

Major Software Engineering

Result Upper Second Class Honours

May 2004 - Dec 2004

### Informatics Computer School

NCC - Advanced Diploma in Information Technology • Singapore

Major Software Engineering

Result CGPA: 3.0/4.0 (Credit)

Sep 2003 - Apr 2004

### Informatics Computer School

NCC - Diploma in Information Technology • Singapore

Major Software Engineering

Result CGPA: 3.75/4.0 (Distinction)

Aug 1990 - Jul 1991

### Zeeland College

Certificate in Steel Construction Drafting • Netherlands

Major Mechanical Engineering

Result Completed/Pass

Aug 1982 - Jun 1988

### Stedelijke Scholengemeenschap Middelburg

Secondary School • Netherlands

Major HAVO (Higher General Secondary Education)

Result Completed/Pass

## Professional Certifications

Jun 2026

### Singapore University of Technology and Design

Certified Prompt Engineering (CPE)



May 2026 - May 2029

### PeopleCert®

ITIL® 4 Foundation Certificate in IT Service Management

<https://badges.peoplecert.org/Badge/en/3/05E92CEE-E5E3-4665-BBF0-612140B15C1F>



Mar 2026 - Mar 2028

### ScrumAlliance®

Certified ScrumMaster® (CSM)

<https://bcert.me/snuvrohto>



## Language Proficiency

Language	Speaking	Reading	Writing
English (primary)	Excellent	Excellent	Excellent
Dutch (native)	Excellent	Excellent	Excellent
German	Basic	Basic	<i>n.a.</i>

## Additional Info

Date of Birth	30 January 1970
Place of Birth	Middelburg, The Netherlands
Nationality	Singaporean
Driver's License	Class 3
Relationship Status	Married, 2 children
Residential Area	Queenstown, Singapore (central)
Soft Skills	<ul style="list-style-type: none"><li>• Innovative, always looking for long-term improvements.</li><li>• Critical thinking, process driven, and methodical.</li><li>• Strong analytical and problem-solving skills.</li><li>• Strong reverse engineering and hands-on programming skills.</li><li>• Eager and fast learner of new programming languages, concepts, methods, and practices.</li><li>• Cross-functional team builder, leader, and enabler.</li></ul>
Hobbies	<ul style="list-style-type: none"><li>• Programming using multiple programming platforms and languages.</li><li>• Computer games (mostly puzzles).</li><li>• Working with Ubuntu Linux.</li><li>• Staying in shape through hiking, cycling, and general outdoor exercise.</li></ul>

Singapore, 29 June 2026



*Johnny Bravenboer*