

Curriculum Vitae

Matt Verhaegh

Quality manager – Project manager

Matt Verhaegh has a master's degree in Electronics. He has a very broad knowledge and experience in the area of (medical device) quality management, quality systems, system development, especially in the Medical Device and High Tech industry.

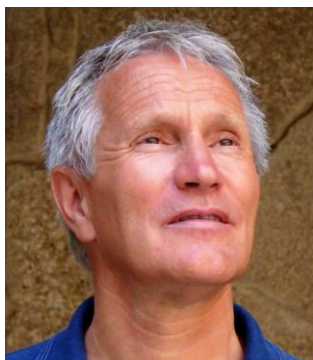
He was assigned for 30+ years to the following roles: quality management, medical compliance manager, QA, project management, process improvement, multi-site technical coordination, development management.

Matt is capable to play a leading role in quality management, QMS setup, QA work, and process improvement.

Strong personal characteristics are: very result driven approach, pragmatic, good communication skills, innovative, commitment and dedication to the job, mentality to finish work.

Summary of project experience:

- First 3.5 years Research
- 8 years development (several roles)
- 20 years medical quality management, QA, project management, consultancy, process improvement



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Personal information

Name	ir. M.J.Verhaegh (Matt)
Birth date	12 juli 1958
Address and City	Kuijperlaan 8 5725BL Heusden gem. Asten (N.B.) The Netherlands
Possible functions	Quality manager, process improver, consultant, project manager, auditor, trainer
Companies worked for	PTT Research, BSO/Origin, self-employed
Legal status	Self-employed since 1999
Languages	Dutch, English and German fluently, French modest
Private	Married, 3 children
Hobbies	Astronomy, sports, Pecha Kucha (presentation events)

Study / courses

name	Institute	Passed in
Quality Systems & Medical regulations	AAMI	2019
Scaled Agile FrameWork (SAFe)	Philips interne workshop	2014
Prince2	Klein Consultancy Belgium	2006 / 2009
Medical Regulatory standards (FDA, ISO13485)	ProcessVision, W. Biggelaar	2004
Process Improvement CMM & CMMI	Philips-CTT, Key Consult	1996, 2002
Microsoft Project	Randstad opleidingen	1999
Carreer development	Origin	1998
Communication styles	GITP	1998
Psychology of performance	MetaVisie	1995
Result driven advising	Schouten & Nelissen	1994
Information planning	Cap Volmac	1994
Technical and Logical Database Design	ISES	1994
Project management	NOVI, Schouten & Nelissen	1989/1991
Data communications & Standards	Washington University	1985
Master's degree Electronics	Technical University Eindhoven	1984

Various

- Chair of Astronomy club Asten: www.sterrenwachtasten.nl

Publications

- SPIDER conference 2009 " Efficient & effective process definitions"
- Article + presentation "Software subcontracting in 10 steps" in technical magazine PT Embedded Systems, Oct. + Dec 1999
- Presentation "Digital image communication between medical systems (DICOM)" at VMBI

Summary of knowledge & experience

Area	Item	Years experience	Last year experience
General	Medical quality management, QA	>10	2020
	Project management	8	2020
	Advising	6	2020
	Training	1	2006
	Requirements, Architecture, design	5	2006
	Testing, test management	3	2007
	Secondment management & HRM	2	2003
Branches	Medical device industry	14	2020
	High Tech systems	5	2019
	Automotive	5	2012
	Semiconductors	3	2011
	Training	1	2006
	Telecommunications	3	1987
Standards	ISO13485, 21CFR820, MDD, EU-MDR, Regulatory, ISO9001, CMM(I), SPI, QA, Automotive SPICE, ISO16949, SCAMPI, ITIL, CAPA, Process Validation (IQ OQ PQ), Lean, Six Sigma	>10	2020
Methods & Techniques	Product Creation Process, BCaM, Systems Management	>10	2020
	PROMPT, PRINCE2, PMBOK, Agile, SCRUM	6	2014
	8D root cause analysis, Hazard analysis, 4BL, Pareto,	1	2016
	Data modelling Yourdon, Test management	9	1997
Applications	MS-Office, OpenOffice, Visio, SharePoint	>10	2020
	MS-Project, PMW, Clarity	7	2014
	PDM / PLM: TFS, TeamCenter, Jira	2	2019
	CM Synergy, SCCS, CVS, VSS, Continuum, ClearCase	7	2016
	Change Synergy, DDTs, TeamTrack, Mantis, TFS	7	2019
	DOORS (requirements management)	1	2020
Technical experience	Programming languages: C, Pascal, CHILL, Scripting, VB	6	1999
	Medical standards DICOM, HL7, OSI, TCP/IP, HTML, API	5	2006
	Databases: Oracle, SQL	3	2004

Overview of executed projects

Per project is given:

- role of Matt Verhaegh
- company
- period
- achieved result
- and the gained experience

The most important project (full-time assignment during a longer period) are underlined.

Quality Assurance Manager (QAM), Project management

Philips Innovation Site Eindhoven / Personal Care Amsterdam

Jan '16 – current

Matt is the Quality Manager for a number of medical device development projects: assuring medical compliance, regulatory, safety & compliance, CAPA, digital innovation connected propositions.

He was also ad interim project manager.

R&D Quality Project Lead (QPL)

Signify – Connected Lighting systems (hue)

Sept '13 – Dec '15

Matt is the System / Software QPL for a number of projects. He initiated, defined & deployed also numerous development processes, also towards factory (Software Release Management).

Medical Device software tool validation (Q&R)

Philips Consumer Lifestyle – Pain Management devices

May '15 – Sept '15

Matt was the lead in software tool validation, tools used in product development of medical devices including apps. Experience with FDA regulatory.

Quality Project Lead (QPL)

Philips Consumer Lifestyle

Feb '13 – Aug '13

Matt was the Quality Project Lead (QPL) in a development project for a medical pain relief device. Compliancy to ISO13485, FDA regulations.

R&D Improvement Project Management & Quality Engineer

Philips Healthcare – BU MRI – R&D and Operations

Apr '11 – Jan '13

Matt has realized an improved R&D process structure and process ownership, improved the Design Controls to be compliant to FDA regulations.

Matt has executed the Process Validation of a new MR system (QA-Plan, process FMEA & mapping, PQ). Also CAPA resolution, DHR record improvements, and Operations analysis & improvements.

Performance Improver

Punch PowerTrain – Belgium (automotive)

Feb '12 – Dec '12

Matt has defined & implemented an aligned Project Reporting and Model Based Configuration Management.

Scope was the R&D Performance Improvement Program (a combined Agile / CMMI approach).

Development project auditor

TMC – Thetford (equipment development & production)

Jan '12 – Feb '12

Matt has executed a project audit & defined recommendations for a running product development project (refrigerator development). Experience with electronics, software, engineering, production.

QA officer, process improver, team lead

NXP Semiconductors – BU Automotive (chip industry)

Oct '10 – Mar '11

Matt has executed QA on a number of projects (audits, milestone passing, advising). He has also realized an aligned process on system engineering and test software.

Experience with ISO9001, TS16949, QA, BCAM development model, CMMI level 3 (null) assessments.

Project manager, project support & QA officer

Philips Corporate HRM

Feb '10 – Jan '11

Matt has setup an aligned project management office, coordinated projects and executed QA on a project developing a HRM Reporting System. Some experience with Business Intelligence, Data Warehousing, and Data Definitions.

Quality manager

Mapscope BV (automotive data processing services) Nov '08 – Sep '10
Matt was the main contributor to an ISO 9001 compliant Quality Management System. He has deployed it to the teams and guided the KEMA audit. He also defined the program towards Automotive SPICE certification.
Experience with ISO9001, certifying, process improvement according to ISO TS16949 and ISO/IEC 15504 model.

Process consultant

ING (Bank) Sep '09 – Dec '09
Matt has contributed to CMMI level 2 improvements on the KPI CM and PP, PMC.

Process consultant, 8D lead

NXP Semiconductors (chip industry) Jun '06 – Sep '08
Matt has executed QA for 2 product lines. He was the lead in an 8D root cause analysis project, and contributed to process improvement. Experience with QA, 8D, CMMI, BCAM, engineering IT, ITIL service.

Internal project lead

Centric TSolve / Visteon (Automotive) / VW Oct '05 – May '06
Matt has written the tender and project plan for a new generation "Car Infotainment Systems" and coordinated the project internals. Experience with tendering, off-shoring, ISO 9001 + TS16949 standards, multi-site.

Project lead, Subcontract manager

Philips Medical Systems (PMS) Jan '05 – Jul '05
Matt has realized with his project team and subcontractor an improved Service Tool.
Experience with Content Management, XML.

Liaison Officer, Project lead

Siemens-VDO (Automotive developer of navigation systems) May '03 – Feb '05
Matt was the central coordinator of a multi-site navigation application development project. He was also the lead for a set of innovation projects.
Experience with test management, multi-disciplinary (HW-SW) architecture, ISO TS16949, IDL, Change Synergy.

Project manager, subcontract manager

Philips Medical Systems (PMS) Mar '01 – Apr '03
Matt was the project manager of a RIS development project (Radiology Information System). He also managed the 3 subcontractors. Result was the first version of the RIS system, implemented in 2 hospitals.
Experience with multi-site product development, crisis management, database systems (Oracle), ISO13485, CMM, test management.

QA officer, SW Process Improvement

Philips Consumer Electronics Feb '00 - Mar '01
Matt has executed QA on two Top projects: SACD and DVD-Recorder. Experience with multi-site product development, CMM, SPI.

Trainer

Twice IT Training Sep '99 - Feb '00
Matt has developed & presented a number of courses: Structured Analysis & Design (SASD), software engineering (SE) concepts, project management, subcontract management.

Software project lead

Assembleon (developer electronics machinery) May '99 - Dec '99
Matt has setup & executed a project to port the control software of a Pick-and-Place machine (OS/2 to Windows NT). Main work was done by a subcontractor. Experience with subcontract management, CMM, PCP, QA, Continuous.

Field manager & Resource manager

BSO AtosOrigin (software house) Aug '97 - Apr '99
Matt has coached software engineers during development projects at customers. He executed also HRM tasks.
Experience with coaching, HRM, career development, ISM3, appraisals.

Technical consultant

ASML (Semiconductor stepper/scanner development)

Oct '97 - Apr '99

Matt has setup & coordinated the subcontracting of a number of software modules. Result was the improved User Interface, Software Layout, and Error Handler components successfully integrated.

Experience with requirements management, feasibility study, technical coordination, architecture, MS-Project, SUN,

Connectivity & interoperability consultant

Philips Medical Systems (PMS)

May '94 – Sep '97

Matt has implemented a pilot DICOM connectivity application. He was consultant to other BU's to apply the new DICOM standard. He defined DICOM definitions and wrote Conformance Statements. Experience with the DICOM standard, data modeling, system development, ISO13485, SUN, Database CASE-tool (Usoft), SQL, Oracle, MS-Project, Internet, test tooling.

Consultant

MedTronic (medical equipment)

Feb '94 -Mar '94

Matt has executed an analysis on a PC/Network helpdesk and proposed a new organization.

System / Software developer & team lead

Several (medical) equipment companies

Jan '89 - Jun '93

Matt has developed a number of systems & software subsystems for various companies. He was also a team lead. Experience with specification, design, implementation, test.

Data Communications researcher

PTT Research Lab (Telematics lab in Leidschendam /Den Haag)

May '84 - Nov '87

Matt contributed to the standardization of Data Communications: OSI, X.25, ISDN. He has also implemented a pilot OSI protocol stack. Experience with standardization OSI-based protocols via CCITT, software prototyping, DEC VAX, CHILL, SDL.