

Curriculum Vitae

Matt Verhaegh

Project manager - Quality manager - Process consultant

Matt Verhaegh has a university degree Electronics. He has a very broad knowledge and experience in the area of system / software development, especially in the High Tech environment. He was assigned for 25 years to most roles: project management, definition and tracking of subcontracted work, quality management, QA and process improvement, multi-site technical coordination, integration and test management, requirements engineering, global- & detailed designs, coding, test execution.

Strong personnel characteristics are: very result driven approach, pragmatic, good communication skills, able to create a good (multi-site) cooperation & team spirit, innovative, commitment and dedication to the job, finish-mentality.

In 2001 and 2002 he has lead an international development project with 20 full-time project members and 3 subcontractors (Hamburg, Canada, India) in the area of medical systems. He took over the management of troublesome project, reorganized it and was the project manager till first release. From 2008 onwards he was appointed as lead in several process improvement / quality projects (multi-site and multi-disciplinary): process definition, setup of quality management systems, deployment, certification, QA.



Matt Verhaegh
COMM-IT BV
Kuijperlaan 8
5725 BL Asten-Heusden
The Netherlands

+31 (0)6 2158 6262
+31 (0)493 695191
matt@comm-it.nl
www.comm-it.nl

Personal information

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| Name | ir. M.J.Verhaegh (Matt) |
| Birth date | 12 juli 1958 |
| Address and City | Kuijperlaan 8 5725BL Asten-Heusden (N.B.) The Netherlands |
| Possible functions | Project manager, consultant, process improver, quality manager, quality officer, (CMMI) auditor, project support officer, trainer, coach |
| Work experience | PTT Research from 1984, BSO/Origin from 1989, self-employed from 1999 |
| Legal status | Self-employed since 1999; BV (Ltd, GmbH) status since 2002 |
| Languages | Dutch, English and German fluently, French modest |
| Private | Married, 3 children |
| Hobbies | Astronomy, sports, coaching youth club electronics |

Study / courses

| name | Institute | Passed in |
|--|--------------------------------|-------------|
| Agile and Scrum | Van Spaandonk & Koks | 2011 |
| Prince2 | Klein Consultancy Belgium | 2006 / 2009 |
| Process Improvement CMM & CMMI | Key Consult | 2002 |
| Microsoft NT+COM Programming overview UML, RUP | Twice IT Training | 1999 |
| Microsoft Project | Randstad opleidingen | 1999 |
| Continuus user's course | QA Systems | 1998 |
| CMM | Philips-CTT, ASML | 1996/1999 |
| Carreer development | Origin | 1998 |
| Communication styles | GITP | 1998 |
| Safer C | Les Hatton | 1998 |
| Object Modelling Technique (OMT) | ISIS | 1996 |
| 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 |
| Yourdon Real-Time Analysis and Design | Yourdon Corporation | 1989 |
| Data communications & Standards | Washington University | 1985 |
| Engineer Masters Electronics | Technical University Eindhoven | 1984 |

Various

- Chair of SPIDER (Software Process Improvement network in The Netherlands): <http://www.st-spider.nl>
- Member of Astronomy club Asten: www.sterrenwachtasten.nl
- Coach of youth electronics club: www.comm-it.nl/elektronicaclub

Publications

- SPIDER conference 2009 " Efficient & effective process definitions"
- Article "Software subcontracting in 10 steps" in technical magazine PT Embedded Systems, Oct. 1999 and related presentation for Industry Subcontracting conference by Microcentrum Eindhoven, 9 Dec. 1999
- Overview courses on "project and process management"
- 3-day course "Software Engineering concepts"
- Presentation "Digital image communication between medical systems (DICOM)" (audience was the Community of Medical & Biological Informatics (VMBI, The Netherlands),
- NATO-article "LAN versus ISDN",

Summary of knowledge & experience

| Area | Item | No of years experience | Last exp. year |
|-----------------------|---|------------------------|----------------|
| General | Project management | 10 | 2011 |
| | Subcontract management | 5 | 2008 |
| | Process improvement en Quality Assurance | 8 | 2011 |
| | Advising | 6 | 2011 |
| | Requirements, Specifications | 5 | 2006 |
| | Architecture, design | 5 | 1997 |
| | Programming | 5 | 1997 |
| | Testing, test management | 5 | 2011 |
| | Secondment management & HRM | 2 | 2003 |
| | Training | 1 | 2011 |
| Branches | Product / machine development | 7 | 2009 |
| | Medical industry | 5 | 2011 |
| | Semiconductors | 5 | 2011 |
| | Automotive | 3 | 2011 |
| | Telecommunications | 3 | 1987 |
| | Training | 1 | 2006 |
| Methods & techniques | ISO9001, TS16949, ISO14001, CMM(I), SPI, ITIL, Automotive | 10 | 2011 |
| | SPICE, ISO13485, FDA, QA, SCAMPI, Lean | | |
| | Product Creatie Proces, BCaM, SystemsMgt | >10 | 2011 |
| | PROMPT, PRINCE2, PMBOK, Agile, SCRUM | 6 | 2011 |
| | 8D root cause analysis | 1 | 2010 |
| | Data modellering (OTO-D, ERD, normalisatie) | 2 | 1997 |
| | Yourdon, Hatley & Pirbhai, UML, OMT, OO, RUP | 7 | 2008 |
| | Test management, TMap (Next) | 1 | 2007 |
| Programming languages | C, C++ | 4 | 1999 |
| | SQL / SQLplus / Embedded.SQL | 2 | 2003 |
| | PLM86, assembler | 2 | 1990 |
| | Pascal, CHILL | 2 | 1989 |
| | Scripting (AWK, (Visual)Basic, C-shell) | 1 | 1998 |
| 4GL & DBMS | Oracle, Sybase, Informix, Usoft (DataBase 4GL CASE tool) | 2 | 2004 |
| | Borland C++ for Windows | 1 | 1993 |
| Operating systems | Windows (7, XP, NT, 98, 95), DOS | >10 | 2011 |
| | Unix / Solaris / Linux | 8 | 2008 |
| | Real-time OS'en | 3 | 1998 |
| | Windows CE, PPC | 1 | 2005 |
| Networks & protocols | Medical standards DICOM, HL7 | 5 | 2006 |
| | OSI, V.24, HDLC, X.25, ISDN, , TCP/IP, HTTP, Ethernet | 5 | 2003 |
| Application packages | MS-Office, OpenOffice, Visio, FrameMaker, SharePoint | >10 | 2011 |
| | MS-Project, PMW, Carity (Niku) | >5 | 2011 |
| | CM Synergy, SCCS, CVS, VSS, SharePoint, ClearCase | 7 | 2011 |
| | Change Synergy, DDTS, TeamTrack, TempoSync, Mantis | 7 | 2011 |
| | DOORS, Requisite Pro, IRQA | 1 | 2011 |

Overview of executed projects

Per project is given: role Matt Verhaegh played, company, period, and key words.

On www.comm-it.nl/overzicht-projecten detailed information on these projects is given.

Project management of development process improvement

Philips Healthcare – BU MRI – R&D

Apr'11 – Dec '11

Problem & gap analysis, process improvement planning (multi-site, multi-disciplinary), management buy-in, management of 20 improvement teams, CMMI level 2 en 3, IME, CMMI assessments

Process improvement, QA, team lead

NXP Semiconductors (chips, platform systems)

Oct. '10 – Mar '11

Process definitions, improvement, alignment over the business lines, deployment, CMMI level 2 + 3, and Quality Assurance.

Quality management, ISO 9001 introduction

Mapscape BV (navigation data processing services)

Nov. '08 – sept '10

Process definitions and deployment in the scope of ISO9001 certification, process improvements of existing activities, ad interim project management for new types of products, Quality Assurance.

Configuration management and project management consultancy

ING (Banking)

Sept. '09 – Dec. '09

Improvement plus coaching on the areas of software configuration management and project management.

Advising product development

Kranendonk BV (development robot applications in metal industry)

Nov. '08 – March '09

Approach Plan, Requirements Management process, architecture process, coaching, project planning

Process improvement, QA, ad-interim project management

NXP Semiconductors (chips, platform systems)

June '06 – Sept. '08

Process definitions & improvements, quality assurance, CMMI, BCAM, engineering IT, IT infrastructures, ITIL service, ad interim project management via 8D root cause analysis, multi-site, sparring partner for project managers.

Project definitions, tender leadership, project management of Car Radio Program

Centric TSolve / Visteon (Automotive)

Oct. '05 – May '06

Product development, embedded software, multi-site & offshore development, ClearCase

Project management

Thomson (Professional camera systems)

June '05 – Sept. '05

Product development, PDA, BSP, Hardware – Software interfacing, Windows CE, BSP, IDP

Project management, subcontracting

Philips Medical Systems (PMS)

Jan. '05 – May '05

Tool development, Content Management, XML, BroadVision One-to-One, multi-site.

Project management, Liaison Manager

Siemens-VDO (navigation systems)

May '03 – Feb. '05

Project leadership, coordination of (multi-site) platform-development, test management, multi-disciplinary (HW-SW), multi-site, architecture, product development, innovation, IDL, Change Synergy

Project management, subcontract management

Philips Medical Systems (PMS)

Mar. '01 – Apr. '03

Product development, multi-site development, crisis management, Database system (Oracle), CMM, software process improvement, test management, VSS, multi-site

SW Process Improvement & Quality Assurance

Philips CE

Feb. '00 - Mar. '01

Product development, Consumer electronics, CMM, SPI, multi-site development

Freelance trainer

Twice IT Training Sep. '99 - Feb. '00
Development and training of software engineering concepts, structured analysis and design, programming in C, subcontract management, SASD tools

Software Project management

Assembleon (Producer of pick & place systems) May '99 - Dec. '99
Design of a subcontracting program, control software of a Pick-and-Place machine, porting from OS/2 to Windows NT. CMM, PCP, QA, Continuous

Secondment management and Human Resource management

BSO AtosOrigin (software house) Aug. '97 - Apr. '99
Support of software engineers in the executions for projects for customers, coaching in career development, Individual Development Plan, KTP, ISM3 appraisal system

Technical consultant

ASML (semiconductor stepper/scanner systems) Oct. '97 - Apr. '99
Requirements Management, feasibility study, definition & technical coordination of subcontracting, architecture, MS-Project, SUN, Unix, C, QA

Connectivity & interoperability consultant radiology: DICOM

Philips Medical Systems (PMS) May '94 – Sept. '97
Advice, technical specialist in DICOM communication standard communication architecture, data modelling, system development, DICOM-standard, SUN, Database CASE-tool (Usoft), SQL, Oracle, MS-Project, QA, Internet, test tooling

Consultant setup of PC/network support

MedTronic (medical devices) Feb. '94 - Apr. '94
Analysis, Definition, Implementation of Helpdesk

Development of patient data management system

Draeger (medical devices) Sept. '92 - June '93
Specification, design, coding, MS-Windows, Borland C++ for Windows, PC

Development workflow management system

Philips + DEC (office systems) Mar. '90 - June '92 and July '93 - Feb. '94
Specification, design, coding, testing, object oriented, Yourdon, SUN, Unix, C, Teamwork, SCCS, Sybase, embedded SQL

Development industrial paint kitchens

Stork Brabant (industrial machines) Aug. '89 - Feb. '90
Design, coding, testing of control software, Unix, C, M68000, ERM

Development remote control HDTV camera

BTS – Breda (Bosch – Philips, development professional systems) Jan. '89 - June '89
Design, coding, testing of data communication subsystem, C, Ethernet-drivers, Yourdon, 80188

Development building automating

Philips – Nederland (automating services) Jan. '88 - Dec. '88
Detailed design, coding, testing of the system, DEC MicroVAX, VME-bus Unix system, Informix, embedded SQL

Research-member OSI en ISDN standardisation and realisation

PTT Research Lab (Telematica lab in Leidschendam / The Hague) May '84 - Nov. '87
Definition study, specification, standardisation of international OSI-based data communication protocols within CCITT, prototype implementations, DEC VAX, CHILL, SDL