

Born in: 1970

Nationality: German

Languages: German, English

Marital status: married

## **Contact details**

Im Sackkamp 56, 31139 Hildesheim

+49 151 2808 5899

Thomas.Heine@enieH.eu www.enieH.eu

## **Professional know-how**

Engineering and construction

- Automotive 10 Years
- Optronics 3 Years
- Medical 2,5 Years
- Plant 4 Years
- Agricultural 2 Years
- Machine 3 Years

# Thomas Heine

Program / Project / Interim Management

# **Project list**

#### **Interims Team Leader Machine Software**

Gleason-Hurth München & Gleason-Pfauter Ludwigsburg

- Mechanical engineering industry
- Managing a software group distributed over two locations
- Optimization of processes / procedures / version management
- Restructuring software, use of an agile working method
- Project management

#### **Project Manager**

Miele & Cie. KG Gütersloh

- Industry consumer goods ٠
- Prototyping "cooking good detection" Smarthome
- Parameters:
  - Project team: 6 employees 0
  - Effort 1 day / week 0
  - Success: 0
    - Prototype could be tested just in time in test households. .

#### **Project Coach**

Miele & Cie. KG, Lehrte & Gütersloh

- Plant engineering (professional dryers / washers)
- Consulting / coaching to improve the cross-location collaboration on the cross-product integration of an electronic platform "Modulo"
  - 0 Requirements (specification, use cases, function trees)
    - coordination architecture (components, modules, interfaces)
  - Creation of metrics to monitor project progress and service 0 delivery
  - Risk assessment Functional safety according to IEC 61508 0
- Parameters:

0

- Project budget: > 10 Mio € 0
- Project duration: > 5 Years 0
- 2 Development sites 0
  - 3 working projekt teams in parallel
  - several supplier
- 0 2 production sites
- Succsess:
  - 0 Short term clarification of responsibilities for successful prototype construction and subsequent testing.

### 12/2017 - 12/2020

02/2018 - 09/2019

08/2017 - 02/2018



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#### Program & Project Manager

Claas E-Systems KAaA mbH & Co KG, Gütersloh

- Agricultural machinery technology
- The order was: Concept development for automatic steering systems of selfpropelled tractors and harvesters, taking into account functional safety according to ISO 25119
- Parameters:
  - Project budget: >> 20 Mio €
  - Total project duration: >> 6 years
  - 2 core teams a 8 employees in direct control
  - Overall program: >> 30 employees
  - Successes: Introduction of higher-level program management
    - Initiation, coordination, integration planning of 6 component projects
    - Summary of the processing of the individual component projects as one system project (program)
    - o System-wide requirements management
    - Introduction of an agile working method

#### Project Manager

Miele & Cie. KG, Bielefeld

- Medical devices
  - Overall responsibility for development projects of medical cleaning systems for endoscopes
    - Introduction of systems engineering:
    - Dividing the system into subsystems and delimiting the modules with clear responsibilities and interfaces
  - Parameters:
    - Project budgets: 1,5 8 Mio €
    - $\circ \qquad \text{Number of employees:} \qquad$ 
      - Core team: 3-6 employees
      - Overall project: 5-30 employees
      - < 15 subsystems to be developed in parallel
    - > 10 development service providers
  - Successes:

0

- $\circ \quad \mbox{Introduction of an agile working method in some subprojects}$
- $\circ$  After 15 months the prototype was ready for use.

#### 01/2016 - 07/2017

08/2013 - 12/2015



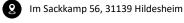
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# **Project list**

#### **Project Manager**

04/2010 - 07/2013

Cassidian Optronics GmbH, former Carl Zeiss Optronics GmbH, Oberkochen

- Optronics
   Development and manufacturing projects of large optical products

   Functional safety according to IEC61508
- Parameters:
  - Development projects:
    - Budget < 15Mio€,</li>
      - Core team 8MA from 50
      - < 20 suppliers</p>
    - International customers (India, Norway, USA)
  - Manufacturing projects:
    - budget >> 30Mio€
    - > 30 specialists
    - > 30 suppliers
- Establishment of PMO (Project Management Office)
  - o Definition, creation and evaluation of parameters / metrics
  - Project cost budgeting and tracking at subsystem level (in accordance with "Earned Value")

#### Plant Project Manager

Robert Bosch Car Multimedia GmbH, former Blaupunkt GmbH, Hildesheim

- Automotive
- Ensuring the ramp-up of all navigation products at the Hildesheim plant (approx. 600 employees)
- Optimization of project processes
- Coordination of development/production management across locations
  - Development: mechanics, hardware, software
  - Prototyping: assembly, mounting
  - o Manufacturing, logistics, quality assurance, service
  - o Test: AOI, ICT, FKT, Burn In
  - $\circ$   $\quad$  Definition and verification of compliance with release criteria
- Project manager reorganization prototyping
  - Definition: Communication structure, standard procedure for planning,
  - Implementation and approval of product launches in foreign locations (Malaysia, Portugal)
- Internal consultant
  - Seminars, workshops, special projects
  - Training of internal company processes.





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# **Project list**

#### **Project Manager for Prozess Improvement**

04/2006 - 02/2008

10/2000 - 04/2006

05/1999 - 06/2002

Blaupunkt GmbH, Hildesheim • Automotive

- Introduction of project management in the field of production preparation
  - Process development according to CMMI (Capability Maturity Model Integrated)
- Creation and execution of a "roadmap" to raise the process maturity of project management in the production preparation
- Successes:
  - Raising the process maturity of all product start-ups in production preparation to at least CMMI Level 2
  - Successful certification of selected organizational units according to CMMI Level3
  - Regular participation in Bosch internal CMMI appraisals and CMM assessments

#### Process Developer CMM for Project Management 02/2004 - 04/2006

- Blaupunkt GmbH, Hildesheim
  - Automotive
  - Process development according to "CMM for SW" (Capability Maturity Model)
  - Regular maturity assessment to optimize weaknesses in project collaboration
  - Process consulting, development of simple template(s)
  - Success:
    - Successful proof of process maturity in three software development departments at CMM level2.

### Software Project Manager "After Sales"

Software Developer & Integrator

Blaupunkt GmbH, Hildesheim

Automotive

- Software development for navigation devices
- Customer service from offer to release
- Roadmap, test planning, troubleshooting
- Development, release and integration software modules