

Contact

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Top Skills

Engineering

Manufacturing

Manufacturing Operations
Management

Languages

French

English

Honors-Awards

Principal Engineer

Patents

Apparatus and Method for
Decoupling a Seismic Sensor From
Its Surroundings

Seismic Sensor Cable

Compact Radiation Generator

Gel and foam seismic streamer

Fabien Guizelin

Head of Manufacturing & Supply Chain at Shearwater (formerly Schlumberger Marine)

Oslo, Oslo, Norway

Summary

Self-starter, result-oriented leader with extensive international experience in Manufacturing, Industrialization and New Product Development.

Strategic thinker, identifying opportunities and underlying risk to execute step-change product and organizational improvements.

Experience

Shearwater GeoServices

Head of Manufacturing & Supply Chain

December 2018 - Present

Oslo Area, Norway

- Manage growth of Manufacturing activity following acquisition from Shearwater: strategic goals, business forecast, Hoshin plan, define & implement KPI, employee / supplier engagement, etc
- Ownership of Manufacturing site performance (safety, compliance, quality, cost, delivery, productivity); responsible for financial planning, rolling forecast and overall financial performance & efficiency across the manufacturing organization
- Lead >100 employees across Manufacturing, Supply Chain, Tech Support, QHSE, Finance, HR and Facility departments; coaching & development, career planning, succession planning, performance management
- Champion step-change projects to improve On-Time Delivery, Quality and Cost; definition of new business processes and platforms (KPI, Manufacturing Resource Planning, ERP/MRP and Product Lifecycle Management, PLM); product portfolio rationalization (incl. Make vs Buy analysis)

Schlumberger

16 years

Manufacturing & Supply Chain Product Group Manager

July 2018 - December 2018 (6 months)

Oslo Area, Norway

- Downsizing of activity from \$80M to \$10M of Revenue and retrenchment of 100 employees
- Lead broad cross-functional teams (Manufacturing, Supply Chain, Tech Support, QHSE, Finance and HR)
- Defined Strategy & Product Portfolio through divestiture while maintaining supplier and employee core competency to enable rebound post downturn
- Manage Manufacturing operations and responsible for balance sheet; diligent cost control and supplier negotiation.

Engineering Program Manager

July 2014 - July 2018 (4 years 1 month)

Oslo, Norway

- Lead the Product Development of a novel high-technology, cost-efficient, Marine Seismic Streamer (TRL 3►7) entailing complex requirements, risk management and multifaceted stakeholders
- Lead design-to-cost initiatives on legacy system yielding a \$20M reduction in system cost
- Agile development and management of a dispersed, multi-disciplinary team: research, mechanics, electronics, firmware, software, data processing, design for manufacturing (DFM), sourcing, Test & Validation across four centers in four countries

>> <http://www.slb.com/services/seismic/marine/technologies/isometrix.aspx>

>> <https://www.youtube.com/watch?v=MUNNWpNgx2U>

Technology Manager

March 2013 - July 2014 (1 year 5 months)

Penang, Malaysia

- Managed the Schlumberger-Seismic Manufacturing Technology group of 35 engineers across 4 centers in Europe and Asia
- Responsible for defining the Advanced Manufacturing roadmap and associated CAPEX & Technology execution.
- Definition of the Manufacturing footprint strategy, Make vs Buy, process standardization and value optimization.
- Lead technical projects for new product introduction in Manufacturing, industrialization (M/TRL 4►9), p FMEA, process optimization, automation, test system development and technology watch.
- Promoted Principal Engineer (top 0.2% technical contributors in Schlumberger).
- Recognized main technical contributor in the 'Performed by Schlumberger' Silver award presented for the seamless introduction of new technology to key client.

- Interim center manager (H1 2014); responsible for balance sheet of \$110M revenue and management of 330 HC.

Product Line Manager

January 2011 - March 2013 (2 years 3 months)

Penang, Malaysia

- Pioneer & ramp-up of a new Manufacturing Center in South-East Asia, incl CAPE, knowledge transfer, recruiting, shopfloor layout, strong QHSE focus
- Managed a Product-Line of 100 Million USD yearly revenue.
- Championed manufacturing process optimization projects (MRL 10): Kaizen, Lean, VSM, CI, ...

Award-winning step-change Lean improvement yielding an 80% productivity gain of our Sensor assembly [VSM, flow-lane, cell layout]

- Mentoring on Lean, TPS and product SOP. Strong Lean and 5S attitude.
- Responsible for production, on-time delivery, quality improvement and cost reduction internally + at suppliers and KPI definition.
- High-volume production of technically-advanced equipment : >400,000 land seismic sensors produced over 2 years.

>> <http://www.slb.com/services/seismic/land/technologies/uniq.aspx>

>> <https://www.youtube.com/watch?v=56VgGE-tFXA>

DFM [Design For Manufacturing] Team Leader

January 2008 - January 2011 (3 years 1 month)

Oslo, Norway

- Lead a team of Design-for-Manufacturing and Design-for-test in the development of a Land and Marine Seismic acquisition system (specific emphasis on poke-yoke and design for automation)
- Industrialization of production both internally and at supplier to achieve quality and takt-time (MRL 4►9)
- Complete numerous process optimization projects using various Lean tools (5S, flowchart, VSM, fishbone, 5 whys), Six Sigma tools (DMAIC, Cpk, anova, t-test, DOE, MSA gage R&R) and software (iGrafx, Minitab, SPC XL)
- Detailed knowledge and implementation of electronics standards for production and inspection (J-STD, IPC)
- Lead resourcing-for-cost initiatives, including thorough Test & Validation of alternate part provider
- Awarded 'best R&D collaboration' at Schlumberger's Reservoir Symposium

Senior Manufacturing Engineer

January 2003 - January 2008 (5 years 1 month)

Princeton, NJ USA

Transiciel

Flight Communication Test Engineer

February 2002 - July 2003 (1 year 6 months)

Toulouse Area, France

Test engineer for Airbus air-ground communication systems

Education

Ecole centrale de Lyon

Master's degree, Electrical, Electronics and Communications

Engineering · (1998 - 2001)

Schlumberger - Motorola

Lean Six Sigma - Green Belt