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## Summary of Experience

Jean Paul Boyer is a Master Black Belt and Lean Expert consultant with over 25 years of experience based in Luxembourg. He has worked on numerous lean six sigma efforts in the chemicals, steel, paper, pharmaceuticals, automotive and general manufacturing industries that have delivered significant bottom-line results. Jean Paul (JP) has led more than 150 Kaizen events in the areas of Supply Chain Planning, Cell design, IT/Transactional, Change-over Reduction, 5S, Material Replenishment, Value Stream Mapping, etc, resulting in significant improvements in capacity, lead-time, processing time, cost, and inventory totalling millions (US\$/€) in benefits. He has worked with a wide range of clients including DuPont, Sanofi Aventis, Glacier Garlock, Delphi, and Honeywell. JP began his Six Sigma career in 1998, completing his 6 Sigma Black Belt and Lean Expert certifications while working with Honeywell Engine Boosting Systems. Prior to this, JP worked for Trane Air Conditioning Co. for 13 years holding several positions in Manufacturing Engineering, Engineering, and Product Line Management, beginning there his Lean career in 1986.

## Selected Accomplishments

- Led several Kaizen events at a French agricultural chemicals plant in manufacturing & transactional areas of Supply Chain Planning, Change-over Reduction, 5S, Material Replenishment, Value Stream Mapping & Cell Design resulting in significant improvements in capacity (5-10%), cycle time (>75%) and inventory reduction.
- Supported the global, world-wide deployment of Lean Concepts, Methods & Tools (integrated into an existing Six Sigma framework) for a major chemicals firm resulting in the training of 3 Lean Practitioner waves in Europe and numerous Lean Introduction sessions involving over 130+ key client leaders.
- Trained and coached several Black Belt & Green Belt waves for a bio-industry market leader where total savings exceeded 10 M€; projects addressed a variety of functions and processes: production, maintenance, marketing (one project brought >5 M€), regulatory compliance, general administration, new product & process development.
- Played a leading role in the change management of a mechanical manufacturing company (Total Customer Value initiative) that delivered significant increases in labor efficiency and reductions in scrap, WIP & cycle time with documented savings of more than 15% and a now going for 6 Sigma deployment (GB, BB & MBB training).
- Led a change-over reduction effort for a paper mill that led to a 25% increase in production by enabling more rolls to be loaded.
- Led a change-over reduction project for a steel rail roll factory that led to a 30% C/O time reduction and allowing a reduction in opening time from 3 to 2 shifts.
- Led the logistics coordination in Europe for an automotive supplier in France that included Lean implementations in multiple sites in several countries leading to a double-digit compounded productivity gains that also helped enable the doubling of global output within 3 years.
- Led a re-engineering /lean project for an automotive supplier plant that achieved 20% output & 40% productivity increases and a 50% floor space reduction through a combined deployment of Six Sigma and Lean strategies.
- Played a key role in implementation of SAP & post implementation team leader at an automotive supplier where use of lean concepts led to a 90% reduction in shop floor & scheduling transactions.
- Served as project manager for class A certification of a 600 M€ automotive supplier business.
- Led a lean implementation in a European automotive components prototyping business that resulted in 20% global cost savings while raising on-time delivery from 72 to 95+% and realizing ISO 9001 and QS9000 certification.
- Led a 12 month new product development project in the air conditioning industry that included use of new advanced materials with Concurrent Engineering, allowing a 50% time reduction in development cycle and 30% cost saving compare to target.
- Implemented lean methodologies in a major manufacturer for large make-to-order air conditioning products, leading to a 20% cost saving in 2 years and 50% lead time reduction in 9 months.

## Educational Background

Six Sigma Master Black Belt Certification (2002), Six Sigma Black Belt Certification (2001), Honeywell Lean Expert Certification (1999), Allied Signal Master Degree in Business Administration in Nancy (Fr).  
Engineering Degree in Fluid Mechanics and Thermal Engineering in Nancy (Fr)