

# JOHN BAKKER, P.ENG MBA

“ AT A GLANCE ”

## EXECUTIVE PROFILE

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With more than 25 years of experience in the automotive industry, John possesses expertise in leading large, complex projects; managing core functions including controls, IT and manufacturing engineering as well as maintenance and production operations. He leverages his experience as a Lean practitioner and as a certified Jonah to optimize processes by identifying and eliminating bottleneck and flow constraints..

A results-oriented leader with well-developed business acumen, John draws on his collaborative leadership and team building skills to integrate diverse groups into high-functioning teams. Through a partnership approach, focus on a common objective and the development of creative business solutions John delivers immediate and long-term value to his clients. In addition, John's experience includes Board Director membership and Chairmanship of several not-for-profit organizations.

## ACHIEVEMENTS

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- ◆ Plant Floor Manufacturing Control Systems Manager  
Managed operational support for 15 Plant Floor Manufacturing Control Systems. Developed and deployed common Supervisory Control and Data Acquisition (SCADA) tools plant-wide incorporating locally-developed real-time throughput metrics, flow management and quality control tools. Real-time throughput management tools were recognized by Central Office as best-practice and designated for incorporation into future plant deployments.
- ◆ Automatic Guided Vehicle System Upgrade Project  
Drove the business case development, funding, design and deployment for a \$60M replacement of 376 AGV carriers, carrier management and routing controls and communication architectures. Successfully converted a fleet of 188 Trim AGV carriers with over 400% improvement in carrier uptime, converted the Engine dress, Chassis and Trim AGV carrier routing control systems all with no disruption to plant operations.
- ◆ Throughput Improvement Process (TIP) Champion  
Drove a simulation and bottleneck improvement effort realizing a 22% improvement in plant throughput coupled with a 38% reduction in process over-speeds over a 2 year period. Delivered flow-management and constraints-elimination training to 150 Operations Staff.
- ◆ GMT800 Sierra / Silverado Program Manager  
Managed all facets of a model launch program with an investment budget of \$600M. Exceeded an aggressive acceleration plan comprehending a 7 – week pull ahead of start of production driven by lead plant designation mid-way in the program. Developed a staffing plan for a team of 110 which became the basis for program direction across multiple sites. Successfully completed a 300,000 ft<sup>2</sup> building expansion, installation of a new Body Shop, refurbished processes and conveyance with 1,000,000 construction / project hours with only 2 lost time incidents.

## EDUCATION

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Executive MBA, University of Toronto  
1995  
Electrical Engineering, Queens University  
1984  
Avraham Y. Goldratt Institute  
Certified JONAH  
  
GM Global Manufacturing System (GMS)  
APPRENTICE

## EXPERIENCE

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**BTS BAKKER TECHNICAL SERVICES LTD.**  
**President**  
2009 – Present

**GENERAL MOTORS OF CANADA**  
**Central Engineer Manager**

- ◆ Plant Floor and AGV Systems
- ◆ Technical Training
- ◆ Reliability and Predictive Maintenance

**Industrial Engineering Manager**  
**Canadian Sierra / Silverado Program Manager**  
**Production Manager**

- ◆ Body, Trim, Chassis

**Body Shop Senior Engineer**  
**Controls Engineer**  
**Maintenance Supervisor**  
1984 – 2009

## AFFILIATIONS

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Member, Professional Engineers Ontario