

## **Paul J. Dobosz**

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Holland, MI 49423-8837

### **Summary**

- Proven, results oriented engineering professional with “hands on” practical experience
- Innovator with a record of significant intellectual property development
- Product design/development expertise utilizing in-house and leveraged supplier resources
- Strong leadership skills including global team leadership, mentoring, supplier development
- Entrepreneurial experience as owner of an engineering service/consulting business.

### **Professional Experience**

2013 –

#### ***Johnson Controls***

*Holland, MI*

***Product Technical Lead-Car Navigation*** –Infotainment and vehicle navigation technology expert supporting the 2014 global product launch of an integrated entertainment and navigation system supplied to a major automotive OEM customer.

2010-2012

#### ***LHP Telematics***

*Westfield, IN*

***Director of Systems Engineering*** – Establishing and mentoring a systems engineering team for this rapidly growing entrepreneurial software company enabled me to help them to expand their customer base from small niche clients to much larger customers. The newly developed systems engineering capability won multi-million dollar long term contracts with large domestic and multinational customers.

2008-2010

#### ***PD Associates, LLC***

*Noblesville, IN*

***President & Principal Consultant*** – Multiple consulting clients benefited from my years of experience and expertise in the areas of wireless communications, electronics manufacturing, and automotive electronics technology. A highly successful SOW project with LHP Telematics led to my exclusive engagement to build and lead their Systems Engineering team.

2001 - 2008

#### ***Delphi Delco Electronic Systems***

*Kokomo, IN*

***Forward Engineering Manager- Wireless Communications Technology*** – My technical leadership developing a low cost Asian manufactured automotive qualified cellular and GPS wireless module resulted in a multi-year contract for 4 million OnStar units valued at \$400 million. This significant commercial win secured Delphi’s position as a dominant supplier of automotive telematics in the North American market and won me the company’s Donald J. Alquist Award for Extraordinary Accomplishment.

1997 - 2001

#### ***Delphi Delco Electronic Systems***

*Kokomo, IN*

***Engineering Group Manager- Navigation & Communications Systems*** – By reconfiguring an existing radio receiver chipset into a low cost 2-way satellite communication modem it created a highly profitable new product. This was accomplished by re-purposing an existing low cost integrated circuit already in high volume use. The intellectual property incorporated into this product earned me Delphi’s highly prestigious Boss Kettering Award.

- 1993 - 1997  
**Delnosa SA de CV (Delco Electronics)**  
*Reynosa, Tamulipas, Mexico*  
**Manager Test & Product Engineering** – As a key member of a select 10 person startup team, I helped lead the most successful new plant startup in company history achieving single digit PPM quality metrics while producing over 3 million premium car radios annually. Our team took this green field Mexican automotive electronics manufacturing plant from construction all the way through full production metrics.
- 1989 - 1992  
**Delco Electronics Corporation**  
*GM Proving Ground, Milford, MI*  
**Resident Lab Manager** - I conceived and initiated a “piggy backed” vehicle level component validation process that was integrated within GM’s corporate prototype vehicle durability testing at the GM Proving Grounds. This proactive approach to component testing under real life conditions reaped the benefits of monitoring component durability performance at the vehicle level, in real time, leading to more robust designs and reduced warranty cost.
- 1988 - 1989  
**Delco Electronics Corporation**  
*Detroit, MI*  
**Resident Engineer – Cadillac Engineering** – An automated test method and equipment I developed was added to Cadillac’s vehicle assembly plant to verify correct assembly and operation of entertainment systems and individual components prior to interior trim installation. This eliminated the teardown of completed vehicles to repair undetected assembly defects.
- 1980 - 1988  
**Delco Electronics Corporation**  
*GM Proving Ground, Milford, MI*  
**Advanced Project Engineer** – My role in developing electromagnetic compatibility (EMC) test methods for use at a subsystem or component level identified and resolved problems earlier in the development process. This reduced new vehicle launch delays resulting from problems discovered later during full vehicle EMC testing.
- 1972 - 1980  
**GM Engineering Staff**  
*GM Proving Ground, Milford, MI*  
**Senior Project Technician.** I designed/maintained custom data acquisition and instrumentation equipment for impact sled and automotive crash testing. The unavailability of off the shelf commercial equipment required a high degree of invention and creativity to meet the unique needs of this highly specialized application.
- 1970 - 1972  
**Detroit Edison Company**  
*Detroit, MI*  
**Associate Engineer.** Conducted sub transmission planning studies and computer modeling to analyze system capacity and potential network deficiencies.
- 1969 - 1970  
**Collins Radio Company**  
*Cedar Rapids, IA*  
**Engineering Technician.** Performed prototype buildup and checkout of commercial avionics systems including ATC transponders and inertial navigation systems.

## **Education**

***Siena Heights University***

***Adrian, MI***

BAS Electronic Technology

***Ferris State University***

***Big Rapids, MI***

AAS Electronic Technology

## **Intellectual Property**

3 Issued Patents

6 Patents Pending

3 Defensive Publications in Lieu of Patent Application

## **Awards**

Donald J. Almquist Award for Extraordinary Accomplishment

Boss Kettering Award

Delphi Innovation Hall of Fame

## **Language Proficiency**

English - Fluent

Spanish – Functional

Japanese - Basic

## Donald J. Almquist Award

The Donald J. Almquist Award is named for the former Delphi-E&S (Delphi-D) leader and is presented to individuals in recognition of effort extended significantly beyond the realm of an employee's normal job responsibilities.

Factors considered in recommendations include employee initiative, a high degree of innovation, and an exceptional amount of personal sacrifice. The winners often work long hours to complete their projects, including weekends and holidays. Managers submit deserving nominations during the annual application process.



## "Boss" Kettering Award

The Boss Kettering Award is named for Charles "Boss" Kettering who was the first vice president of the General Motors Research Laboratories. Kettering was a prolific inventor with more than 140 patents registered in his name.

The Boss Kettering Awards Program was established in 1976 to recognize individuals who have developed outstanding inventions that have identifiable and substantial benefits to Delphi.

***"Believe and act as if it were impossible to fail."  
Charles "Boss" Kettering***



## Innovation Hall of Fame

The Innovation Hall of Fame celebrates the achievements of top innovators within Delphi. It was established in 1995 by members of the Engineering Task Team (ETT) to recognize and reward Delphi employees who have made significant contributions to the organization in the Intellectual Property (IP) arena.

