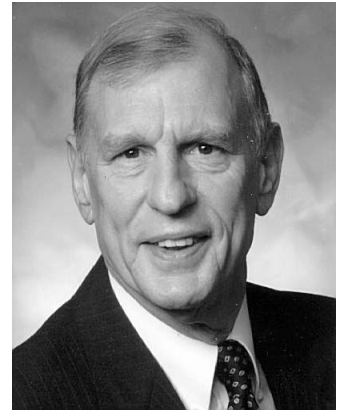




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## **BIOGRAPHICAL SUMMARY**

### **ROBERT F. HAASE**

#### **Vice President**

Bob Haase has a broad experience base and a track record of successful management endeavors in Manufacturing Operations, Product Development, Quality, Strategic Planning and Human Resource Development. Bob retired from Ford Motor Company in December 1998 with over thirty-two years in the design and manufacture of electrical and electronic components and systems. His last assignment at Ford was as Chief Engineer and Operations Director for Visteon Electronics. In this position Bob had responsibility for the product development process and for the operations of seven globally-based manufacturing plants.

During his career at Ford Bob oversaw the design and launch of numerous state-of-the-art products, the construction and launch of a major Greenfield manufacturing plant and the re-processing of several major manufacturing sites including one near Sao Paulo, Brazil where he was located for two years as Operations Director.

His later assignments were focused heavily on incorporating lean manufacturing concepts and six sigma processes throughout design and manufacturing areas where he achieved substantial improvements in quality, capability and efficiency as a result.

Since retiring from Ford, Bob has served as a consultant to a number of companies including a textile manufacturer and a major powder metal forging operation. In both assignments he developed and implemented significant improvements in design and processing that resulted in substantial reductions in cost, cycle times, inventory and scrap.

Bob holds a Bachelor of Science degree in Mechanical Engineering from the University of Toledo and a Masters degree in Business Administration from the Advanced Management Program of Michigan State University. He has also served on the Management Advisory Board of the Lehigh University Graduate Program in Systems Engineering.