



Dr. Roger F. Teal

BACKGROUND

Dr. Roger Teal has 28 years of experience in project management, consulting and research. A former tenured faculty member in the transportation systems area of Civil Engineering at the University of California, Irvine, Dr. Teal has initiated, participated in and directed to a successful conclusion over 20 projects of substantial size and complexity in the information technology and transportation fields. These projects include the development of both mission critical and organizational scale systems in several different industries. One of his larger recent projects entailed managing the creation of the total business technology environment at Aerospan.com, the Air Transport industry leader in E-marketplace technologies through the Year 2000.

AREAS OF EXPERTISE

Dr. Teal has substantial experience in systems and application design in addition to his extensive track record in project orchestration. His areas of expertise include systems analysis, scheduling systems, probability and statistics, transportation systems, data analysis, and simulation. Dr. Teal is the author of over 30 publications and the holder of a patent on teleconferencing scheduling. He is a proven professional in the business field, as well as having deep skills in the areas of technical computer architecture and applications.

Dr. Teal has extensive experience in:

- Developing and implementing eCommerce / eBusiness strategy using trading partner alliances;
- Designing Web-enabled business applications;
- Moving client-server applications to Web-enabled applications;
- Developing Web-enabled database-centric applications, particularly those based on the Oracle RBDMS platform;
- Managing systems implementation (includes both developing and migrating applications, as well as interfacing between legacy systems and client-server platforms)

CAREER EXPERIENCE AND CONSULTING ABSTRACTS

In addition to currently serving as a Senior Partner at JHolcombe & Associates, Inc., Dr. Teal is the president of a boutique software consulting firm that specializes in the development of scheduling systems and E-business applications, with primary focus on the urban passenger transportation, teleconferencing, and commercial aviation sectors. Dr. Teal built this multi-million dollar company from the ground up, and played the lead roles in both business strategy and business development for this enterprise. In addition, he led major engagements with some of his company's key clients, as detailed below.

During the recent past, Dr. Teal has played a major role as both technology strategist and change agent for one of the country's largest metropolitan public transport organizations. He has developed a new enterprise architecture, devised a new internal structure for the information technology function of the organization, and created a program management organization to implement the new direction for the agency. In addition, he is spearheading the implementation of a real-time passenger information system for the organization which, when fully deployed, will be one of the largest such system for a public transport agency in the United States.

Dr. Teal recently led the development for all business technology at Aerospan.com, an E-marketplace company in the commercial air transport industry. At Aerospan, Dr. Teal was responsible for the company's technology, at the core of which was an E-marketplace application for which he played the lead role in devising the architecture and technical design. He personally recruited and organized a 40-person technology team that delivered this application in 7 months to the market. Subsequently Dr. Teal functioned as the chief strategy officer of Aerospan. The Aerospan E-marketplace application was recognized as an outstanding achievement via both industry awards as well as Dr. Teal's selection for inclusion in the Computer Worlds Honors Program based upon this application.

During the late 1990's, Dr. Teal orchestrated the design and development of a reservations and scheduling system for MCI's teleconferencing business unit, the world's largest teleconferencing business. This mission critical system, developed by a 20 person project team over 2 years, has handled over \$1 billion of business since its inception, including a 3-fold increase in business over a 5 year period.



Staff Resume

Prior to founding his own company, Dr. Teal served as president of Halda, Inc., a start-up enterprise that was the U.S.-based subsidiary of a Swedish company that had developed automated technology solutions for the urban passenger transportation industry. In addition to leading this new venture, Dr. Teal also conceptualized the product and designed the application that Halda initially brought to the market in the U.S. using its parent company's core technology.

Dr. Teal had a successful academic career prior to moving into the consulting and business fields. For 10 years, he was a faculty member at the University of California, Irvine, where he was a professor in the Civil Engineering department and had a research appointment in the University of California's Institute of Transportation Studies. Dr. Teal taught courses in transportation systems analysis, transportation planning, and transportation policy analysis, in addition to courses in engineering economics, computer programming, and probability and statistics. During his tenure at UC Irvine, Dr. Teal became internationally recognized for his research on the privatization of public transportation services and urban transportation deregulation and, as testified by his recent membership on a National Academy of Sciences study committee tasked by Congress with evaluating the current status of privatization efforts in public transport, he continues to be recognized as an expert in this field.

EDUCATION

Dr. Teal holds a PhD degree from Tufts University, a Master of Science degree from University of California–Berkeley, and a Bachelor of Science degree from Massachusetts Institute of Technology.