

James Shea

Profile

Senior level corporate leader with over 30 years of experience and the proven expertise to grow multiple Wireless / Telecommunication businesses from start-up through integration into public companies . Ability to lead large multi-site organizations to strict P/L and schedule targets. Deep technical background in signal processing, communications systems, machine learning, and large scale systems development.

Professional Experience

DeepSig Inc

CEO

Arlington, VA

2017 to Present

- DeepSig is revolutionizing 5G and defense communications by employing deep learning AI to obtain dramatically better performance and power efficiency
- Raised seed and Series A funding rounds
- Voted by CB Insights as a Top 100 AI Company 3 years in a row

DRS Signal Solutions, Inc.

VP General Manager

Germantown, MD

2010 to 2016

- Restructured a failing \$95M business to profitability in 6 months
- Revitalized customer satisfaction through improved quality and on-time performance.

Telic Networks, LLC

President

Bethesda, MD

2007 to

2010

- Provided management and technology consulting to restructure companies to improve market alignment and profitability
- Spun out the defense division of Paratek Inc. before sale to BLACKBERRY.

Filtronic Sigtek, Inc.

President

Columbia, MD

2000 to 2007

- Grew 3G/WIMAX subsystem business from zero to \$30M+
- Conducted business in Germany, Finland, Singapore and Japan with major telecom companies such as Nokia, Siemens, and Toshiba

Sigtek, Inc.

President

Columbia, MD

1990 to 2000

- Grew business from startup to 35 people with \$7M in annual revenue
- Early developer of software defined radios (SDRs) for satellite communications and electronic warfare.
- Led development of DOCSIS cable modem certification technology that enabled the modern cable modem to become a \$9B market

James Shea

Sold business to Filtronic Plc

Education

University of Illinois, Masters of Electrical Engineering

Georgia Institute of Technology, Bachelors of Electrical Engineering

Patents

US5809061 CDMA Communications System with Pilot Tone Control

US10429486 Method and system for learned communications signal shaping

US11018704 Machine learning-based nonlinear pre-distortion system