

David M. Snyder, MBA, PE, CISSP



I help organizations make sure products and processes are developed and implemented securely in healthcare, critical infrastructure, and environmental systems.

With a diverse background in engineering, critical infrastructure, healthcare, and cybersecurity, David Snyder helps organizations develop and implement technologies securely. His experience includes **program management** and **product management** at companies like Apple, Google, Kaiser, First Data, PayPal, Yahoo, and various startups for data security, electronic payments, mobile applications, and healthcare systems. Among his strengths is the ability to explain technology to business people and business requirements to technologists.

Currently, David is part of a team developing technology for **restoring the climate** using a natural process to remove large amounts of carbon dioxide from the atmosphere. He is the Chief Operations Officer of a California-based nonprofit called **DeepGreen Solutions**. (<https://deepgreensolutions.org>)

As an environmental engineer, David has conducted **environmental impact studies** for energy facilities such as power plants, transmission lines, and pipelines. He managed **environmental, health, and safety regulations** work for Chevron Pipe Line and then worked as a consultant **investigating and remediating soil and groundwater contamination** at industrial sites. He is a member of the **IEEE Standard P7100 Environmental Impact of Artificial Intelligence Working Group**.

At Apple, David managed **global expansion** of Apple's online and in-store credit card payment systems and established Apple's initial program for compliance with the Payment Card Industry Data Security Standard (PCI DSS). He has also worked in Apple's team for **Public Key Infrastructure (PKI)**.

At Kaiser Permanente, David guided **technical systems development** for a unique combined private label credit card/health plan membership ID, from business systems analysis and requirements definition through development, testing and deployment, including new POS terminals loaded with custom

applications. He also managed **system upgrades** to Kaiser's central switch for credit card payments.

As the VP, Product at AppMedicine, Inc., David guided development of **HIPAA-compliant web and mobile apps and cloud-based tools** for provider-patient communication, patient guidance, and chronic care management.

During his college years, David was a **Certified Respiratory Therapy Technician** working in hospital Intensive Care Units.

Speaking Engagements

David has been the organizer, moderator, or speaker for more than 20 conferences and seminars on data security, healthcare, and environmental topics, including **Cybersecurity & the Future of Remote Patient Monitoring** in 2019 and 2020, and **Remote Patient Monitoring Ecosystem Security** in 2021. In 2022, David helped organize and moderate sessions for the **2022 IEEE Global Humanitarian Technology Conference** (<https://ieeeghtc.org>), including one on "Communications, Computing, and Power during Disaster Response." He was the chairperson for the Security & Standards session of the **2024 IEEE World Technology Summit on AI Infrastructure** (<https://wts.ieee.org>) and presented "Implementing Climate Restoration This Decade" at the **2025 IEEE Conference on Technologies for Sustainability (SusTech)**. (<https://ieeexplore.ieee.org/xpl/conhome/11025547/proceeding>)

Education and Training

David is a **California-registered Civil Engineer**, **Certified Information Systems Security Professional**, **IEEE Senior Member**, and **former Certified Respiratory Therapy Technician**.

David's range of technology experience allows him to excel in managing cross-functional, multidisciplinary programs. He studied Political Science and Philosophy at **Grinnell College** in Iowa, then transferred to **Carnegie-Mellon University** for a double major in Civil Engineering and Engineering and Public Policy and after graduating became a **registered Civil Engineer (PE)** in California. Later, he obtained a MBA in Technology Management at the **University of Phoenix**.