

AhITek - Solutions

AhITek

David R Ahlgren

AhITek Business and Engineering Support Services

AhITek

- Technology Based Companies
- Improve Performance Organization Wide
 - Set strategic directions
 - Projects, programs and processes
- Achieve Superior Returns On Tech Investments
- Accelerated Schedules
 - Reliable estimates
 - Improved time to market
- Reduce Risk And Ensure Success
 - High tech markets

AhITek Method

AhITek

- Simple
 - You ask for it
 - We deliver, on time, on budget
- Complex Problems or Every Day Needs
 - We are Agile
 - Responsive to your leadership
- Tap into Entrepreneurial Wealth
 - Experience and energy
- AhITek – Results, guaranteed

Background

- Founded by David R. Ahlgren
- 20 Years Technology Experience
- Founder Consulting Company
- Founder Multiple Product Companies
- Commercial and Government Experience
- Significant Community Outreach
- Honest and Reliable

AhITek Mission

AhITek

- Consulting Services on a Project Basis
- Technology Based Companies
 - Large and small
- Full Service
 - Business plans, fund raising, operations, marketing, engineering, product and system development, manufacturing
- Risk Free Initial assessments
- Guaranteed results

Business Method

AhITek

- Project Responsibility
- Assessments, Needs Analysis
- Rigorous design and review process
- Scheduling and Risk Mitigation
- Interactive Status Reports
- Fixed price or hourly rates

Management Consulting

AhITek

- Organizational Development
 - Alignment of strategies with operations.
 - Turn-around or complete restart
- Team Acquisition and Development
 - Performance enhancement
- Technology Advisory
 - Risk management
- Training and Informational Seminars

Business Development

- Business Planning
 - Funding strategies, presentations
- Strategic Planning
 - Needs assessment
 - Competitive analysis
 - Technology and risk analysis
- Customer and Partner acquisition

Engineering Management

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- Team Acquisition and Development
- Technology Research and Development
- Product Design and Development
- Hardware and Software Design
- Industrial Design
- Offshore Manufacturing

Project and Program Management

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- Development Plans
- Requirements Management
- Project Assessment And Acceleration
- Project Tracking And Oversight
- Earned Value Management
- Quality Assurance

Product Development

- Product specifications and plans
 - Design reviews, feasibility studies, assessments
- Engineering Design
 - Analog and digital hardware
 - Wireless and wired communications
 - Embedded software
 - Packaging
- Manufacturing
 - Short run and outsourcing

System Development

- Program plans and management
- System architecture
- Hardware and software specifications
- Equipment staging
- Test plans
- Testing and certification

Industry Experience

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- Telecommunications
- Homeland Defense
- Military Systems
- Building Automation And Security
- Medical Electronics
- Consumer Electronics

Technology Management Experience

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- Embedded Computing, Hardware & Software
- Real-time Systems
- Sensors and Instrumentation
- Network Design, Routing, Switching
- Wired & Wireless Broadband Access
- Multimedia, Digital Video
- Communications, VoIP
- Building Automation and Security
- Net-Centric Enterprise Software, SOA, IA

Industrial Engineering

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- Product design and packaging
- Mechanical design
- Manufacturing Outsourcing

Recent Projects

- **Military/Government** – Strategic planning and analysis of opportunities in FORCEnet and Net-Centric related software for training, high-tech equipment and transportation
- **Military/Government** – Product design and prototype development for a start up company focused on mobile digital video security featuring the ability to penetrate buildings and barriers.
- **Homeland defense** – Business development for Virtual Agility a technology for rapid prototypes of Concepts of Operations (ConOps)
- **Homeland defense** – Program management for BioNet, a data acquisition, analysis and display system that provides early warnings of Bio-Terror attacks, ConOps and MOU development
- **Wireless Networking**– Design and specification of a large wireless network for broadband distribution to commercial buildings.
- **Wireless 3G CDMA**– Product development and short run manufacturing for a start up focused on mobile Wi-Fi products
- **Commercial Real Estate Technology** - Consulting services for integration of telephony, networking, security, and energy management
- **Commercial Real Estate Seminar** – Customer Acquisition with a focus on CIO/CTO
- **Training and Seminars**
 - Commercial Real Estate Technology
 - WiMAX
 - What's hot is San Diego Telecom Industry

Recent Product Development

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- Small Qty Runs, Turn Key Outsourcing
- Mobile Wi-Fi Gateway (MWG)
 - Bridge/router 3G Cellular to Wi-Fi
 - Customer and bandwidth Management
- Portable Wi-Fi Gateway (PWG)
 - Built in Battery/charger system
 - Instant/emergency communication network
 - First responder, Homeland defense
- Mobile Video System (MVS)
 - Situational awareness
 - Backpack Video for Squads/teams, penetrates buildings
 - IP based Digital Video, Internet accessible

Recent Product Dev. (cont.)

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- Home Security System – zero install
 - Analog and digital design, embedded software, custom wireless, packaging, manufacturing engineering
- Fluid Alarm System – surgical gloves
 - Analog and digital design, outsource mfg,
- PocketMail – mobile email
 - Digital design, communication, lcd panel, packaging, outsource mfg
- Gas Injector – nuclear research
 - Analog and digital design, short run mfg
- Interactive multi-med terminal – sports instruction
 - Analog and digital design, digital video, application software

White Papers and Presentations

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- Venture Risk Assessment Two Views
- Venture Presentation Guide
- Venture Funding Assessment Sheet
- Introduction to SIP and VoIP
- SIP and VoIP Reference and Glossary
- Strategic Opportunities in FORCEnet
- Introduction to AhITek

Associates

- Strategic Momentum – Management Consulting
- Leaderboard – Management Consulting
- IDM – Industrial Design, Outsourcing
- Netlogix – Network Design And Deployment
- 4th Utility Systems – Technology Integration

Local Associations/Resources

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- AFCEA - Armed Forces Communications and Electronics Association - AFCEA-SD.org
- CCAT - Center for Commercialization of Advanced Technology - CCATsandiego.org
- NDIA - National Defense Industrial Association - NDIA-sd.org
- RTA – San Diego Regional Technology Alliance [SD RTA@CONNECT](mailto:SD_RTA@CONNECT)
- SDSIC - San Diego Software & Internet Council - SDSIC.org
- SDTC - San Diego Telecom Council - SDTELECOM.org
- SDSU Foundation Tech Transfer Office - Foundation.SDSU.edu/tto
- SDVG - San Diego Venture Group - SDVG.org
- SCFN – SoCal Free Net – socialfreenet.org
- UCSD Technology Transfer Office - invent.ucsd.edu
- UCSD Connect- extension.ucsd.edu
- vonLiebig Center for Entrepreneurism and Technology Advancement - vonLiebig.ucsd.edu

Contact Us

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