



DSPCon
A CDI Company

Delivering solutions that reduce the cost and risk of making world-class products.

OBJECTIVE

Acquiring, Processing and Managing the World's Data

LEADERSHIP STATEMENT

MISSION

DSPCon delivers innovative high-quality solutions for data acquisition, analysis and archiving. DSPCon systems significantly improve the performance of the mission-critical testing, monitoring and design initiatives performed by our customers, some of the largest companies in the aerospace, defense, aviation, and energy industries. DSPCon empowers its employees to constantly find better ways to do great work, and we remain passionate in our pursuit of developing pioneer technologies that provide lasting benefits to our customers and to the communities in which we operate.

VISION

DSPCon's solutions help our customers to answer critical questions quickly.

VALUES

Our core values form the foundation from which our Company was built and how we approach our business. They underscore who we are, what we do and how we conduct ourselves. These values form the abbreviation IFITP, which we've expanded to stand for I FIT Perfectly – a phrase that our management and our employees have adopted to drive our corporate culture.

INNOVATION

We promote and reward inventive ways to continually improve everything we do. We reward our colleagues for taking calculated risks to help us remain at the forefront of our industry.

FUN

We create an environment where we get to know each other, and enjoy working hard. We express appreciation, celebrate extraordinary achievement, and laugh together.

INTEGRITY

We believe that honesty earns trust and respect in all of our relationships. We say what we mean and do what we say.

TEAMWORK

We collaborate most effectively when we include diverse opinions and perspectives. We have shared goals, communicate them openly, and work together to achieve them.

PASSION

We love our work, we expect continuous professional development, and we hold ourselves accountable. We demand excellence, period.

CORE COMPETENCIES

TECHNOLOGY & R&D

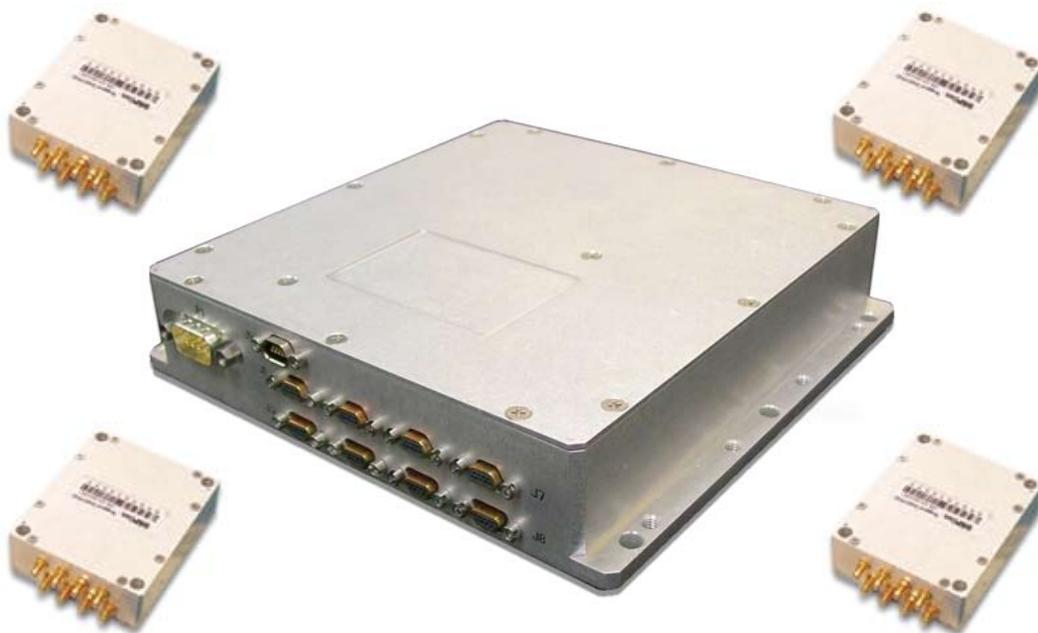
Our customers use DSPCon solutions to measure and verify information that is absolutely vital to the critical decisions they make. They are recording essential data in the moment, and cannot afford system downtime. This drives DSPCon to invest significant research into keeping our data acquisition systems as fast and robust as current technology will allow.

PRODUCTION

DSPCon boasts one of the industry's largest portfolios of system-level acquisition and analysis solutions for mission-critical commercial and intelligence applications, but our customers have always had specialized needs that require custom solutions. To address this need, DSPCon often works in partnership with our clients to design and deliver best-practice solutions for a variety of applications and projects, including complete "turnkey" systems, customized software applications, risk-mitigation plans, and feasibility studies. DSPCon always employs open-standard architectures and COTS-based components to ensure cost-effective scalability and performance and long-term use.

SERVICE

DSPCon strives to deliver unparalleled service that complements our high-speed, high-value products. Our customers require cutting-edge technology, and we invest time to focus on their needs and deliver on the software and hardware updates their requirements demand. We work closely with our customers to ensure that their systems are up-to-date and running smoothly.



DSPCon's PodLink platform uses a distributed approach for PHM, CBM, Snap-in/Snap-out, and In-flight data acquisition applications.

PRODUCTS / SERVICES

Product range: DSPCon delivers large channel-count data acquisition and analysis systems that require real-time performance, intensive digital signal processing, and unlimited bulk storage. Our DataFlex systems record lots of data fast! The DataFlex's modular design offers:

- » Unlimited channels and unlimited storage
- » No down time
- » Built-in signal conditioning
- » High-speed interconnects
- » Protection against aliasing
- » Built-in Testing and Calibration
- » Open file formats and system design
- » Full software suites for visualization (including our award-winning MultiScope Display software), and data analysis including shock & vibration, acoustics, rotating machinery, narrowband, and cross-channel analysis.

Recently, DSPCon introduced the PodLink platform, which uses a distributed approach to lower testing costs, while increasing reliability. PodLink is a rugged, low-power and low-cost platform that offers unparalleled modularity, and can be scaled appropriately by customizing hardware and software components for each application. Typically, a system built on the platform would contain one control/processor pod, and at least one SensorPod.

APPLICATION AREAS

DSPCon customers have questions such as: "Will our satellite survive lift-off?" "Is this jet safe to fly?" and "Does our new turbine engine perform to spec?" They rely on DSPCon systems to record and analyze the data that answers these questions.

REPRESENTATIVE PROJECTS

Besides DSPCon's Piranha and DataFlex series of data acquisition systems, DSPCon has developed systems focused on technologies such as sonar, software-based radios, L-band Radar, pulse Doppler Radar, analog IF signals, PCM and Digital I/O, Multi-Channel Audio and Video, Voice over Internet Protocol (VoIP), and UHF Narrowband. Customized systems are designed to be flight-capable and easily configured via software.

DSPCon received a Small Business Innovation Research (SBIR) grant from the Naval Air Warfare Center in 2010 focused on optimizing real-time data collection and feature extraction in hyperspectral cameras used in unmanned aerial systems. DSPCon's solution enables the capture and processing of large amounts of data quickly to enable a UAV to achieve faster responses to potential threats.

In 2009, the US Air Force awarded DSPCon a Phase II SBIR Contract for Propulsion Health Management (PHM) Systems. The optimized processing platform is designed to enhance signal processing capabilities for PHM systems.

MARKETS / CUSTOMERS

DSPCon customers develop world-class products for the aerospace, avionics, automotive, defense, energy, and other industries.

- » Armed Forces
- » Aerospace Manufacturers
- » Automotive Manufacturers
- » Aviation Manufacturers
- » Energy Companies
- » Research Facilities



DSPCon's upcoming Hyperspectral solution is built on the PodLink platform. The PodLink platform can also be used for PHM (Prognostic Health Management), CBM (Condition-based Maintenance), and Snap-in/Snap-out solutions.



DSPCon's DataFlex solutions offer unlimited channels, built-in signal conditioning, and touch-screen control.

PROFILE

DSPCon was founded by Al Brower and Bob Franz as a privately-held US business, incorporated in New Jersey in 1991. Key leaders for our current management team include:

ALFRED N. BROWER – VICE PRESIDENT & GENERAL MANAGER

Alfred Brower, whose senior level experience within the digital signal processing industry spans over twenty years, served as DSPCon's Chairman, President and Chief Executive Officer until the acquisition by CDI Aerospace in 2010. One of the original founders of the Company, Al now serves as VP and General Manager, responsible for overseeing all aspects of DSPCon's operations, offering a combination of technical and managerial expertise that fosters an atmosphere of creative growth. Prior to DSPCon, he served in a number of senior-level design engineering positions with Bell Laboratories and ITT Corporation. He is a published author and widely acknowledged expert in the fields of speech coding and digital recording.

CLARKE RYAN – DIRECTOR OF ENGINEERING

Clarke Ryan is a seasoned technology executive with over twenty-five years of experience in engineering, business development and operations in the global technology marketplace. Clarke served as Transmission Chief Technology Officer at Bell Laboratories and Director of Signal Processing Technologies at Lucent Technologies. He formed the Wireless Business Unit at Sonus Networks, and led development of their first IP-based core switching platform for wireless carriers. Clarke received his Bachelor's and Master's degrees in Electrical Engineering from Columbia University in the City of New York.

DONNA BABEY – DIRECTOR OF OPERATIONS

Donna Babeay heads DSPCon's Operations functions and enhances DSPCon's strategic direction by overseeing the company's plant operation and improving efficiencies. Celebrating over a dozen years with DSPCon, Donna is responsible for all phases of operations and administration including manufacturing, materials management, warehouse management, information technology, and SQA as well as assists with customer service and sales. As a member of DSPCon's Executive Leadership Team, Donna helps to set the strategic direction of the business. In her tenure at DSPCon, Donna has functioned as Corporate Administrator (including all Human Resources responsibilities), Engineering Manager, and Project Manager.

MIKE HENDERSON – DIRECTOR OF BUSINESS DEVELOPMENT

Mike Henderson is a 10-year veteran of the US Army with significant service in Aerospace and Defense. His most recent position was at AMETEK Aerospace and Defense where he ran two of the corporation's largest business units - international teams that designed, manufactured and supported on-board data acquisition systems, solid state power distribution and control systems and aircraft sensors. Previously, at Lockheed Martin, Mike program managed a \$100M business relating to aircraft engine maintenance, repair and overhaul. Earlier, Mike was a production manager at General Electric Energy's \$250 million Center of Excellence that, fabricated, machined and assembled gas turbine combustion systems.

The company started as a consultancy and grew into a manufacturer of data acquisition solutions. Since 1995, the company has been profitable every year. In late 2010, CDI Corp. (NYSE: CDI) acquired the business of DSPCon, making DSPCon a division of CDI-Aerospace, LLC, a vertical organization within the CDI Engineering Solutions division.

CORE ADVANTAGE

SUSTAINABLE COMPETITIVE ADVANTAGE

DSPCon customers use our solutions to gather and analyze data about their products. This information is fed back into their processes to foster continual improvement. DSPCon's solutions reduce cost by shortening the time of our customer's development processes. DSPCon offers flexible solutions for data acquisition, prognostic health management (PHM), condition-based maintenance (CBM), and snap-in/snap-out applications. Our history of working together with some of the most innovative companies in the world has enabled our engineers to develop cutting-edge software and hardware systems that have been field-proven over and over again.

VALUE PROPOSITION

Our solutions turn data into high-value knowledge about the products our customers build, and the processes they use. DSPCon delivers high-speed, high-value systems with a COTS-intensive architecture that fully exploits the latest DSP technology. We provide highly flexible and configurable solutions that help our customers satisfy even the most demanding performance and budgetary requirements.

FACILITIES

DSPCon retains a highly-skilled and talented group of engineers, scientists and technicians at its Bridgewater, New Jersey facility. The facility features over 15,000 square feet of floor space with over 7,000 square feet dedicated to the production and testing of our high-performance products and systems. The entire facility is fully secured with the latest fire, theft and flood prevention systems.





CONTACT OUR TEAM AT DPSALES@DSPCON.COM,
OR CALL TOLL FREE **888-DSPCON8** (888-377-2668).

WWW.DSPCON.COM