

About Fidus

At Fidus Systems, we understand the unique challenges faced by technology companies – too many projects and too few resources. With top engineering talent, multiple design centers and on-site staffing options, Fidus provides highly responsive engineering teams that are an extension of our customers' development teams that successfully bring their products to market faster.

Fidus specializes in turnkey product development and has extensive design experience and expertise in **System Design & Architecture, Hardware, Wireless/RF, Signal Integrity/EMC, PCB Layout, DSP/FPGA/ASIC, Software/Firmware and Mechanical design.** Our clients include companies in the aerospace & defence, consumer, marine, medical, industrial, security, semiconductor and telecommunications industries.

We offer our clients greater flexibility and capability in their product development through access to the right combination of expertise, process and tools. We are focused on transforming our clients' innovative concepts into great products on time and on budget.

Whether it is turnkey product development or targeted assistance on a project, Fidus has the bench strength to offer over 50 highly qualified and experienced engineers.

Fidus uses proven product development and design methodologies combined with a comprehensive suite of tools and equipment. Our experienced team of engineers and seasoned project managers ensure on time delivery of our clients' projects and that quality is a focal point at every step of the project.

Recognized as a trusted partner, Fidus is dedicated to developing long-term relationships with clients built on integrity, quality and open communications. **With a 97% referral rate, we are proud to say our clients like our work.**

Fidus has delivered more than 800 projects for 215 clients, from Tier-1 multinationals to SMEs to start-ups across North America. Fidus has its headquarters in Ottawa, Canada with design centers in Ottawa, Kitchener-Waterloo, and Silicon Valley.

For more information, please visit www.fidus.com



Our Capabilities

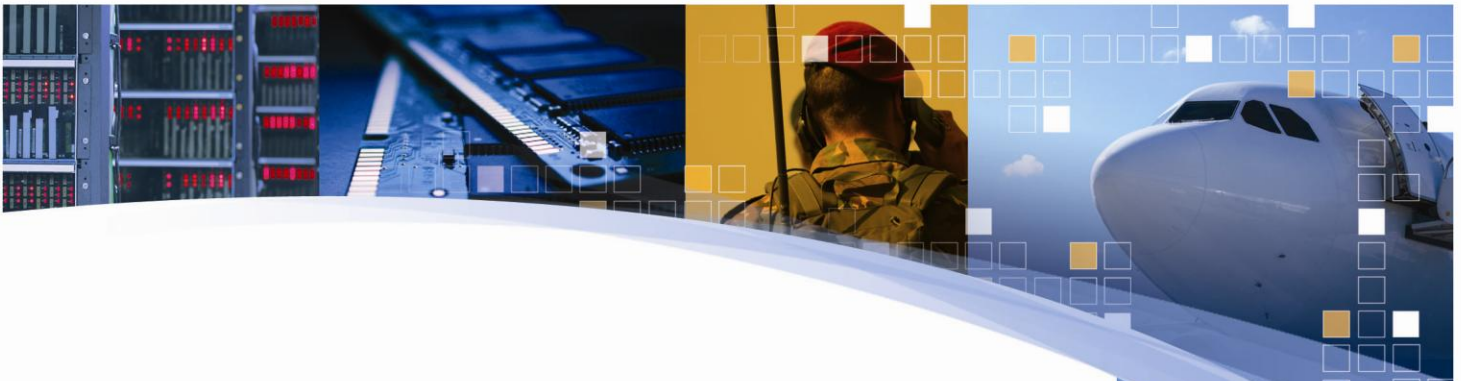
As a full service design partner, the Fidus team has the diversity of experience and skill sets to rapidly transform clients' concepts to products. Our strengths include:

- Turnkey Product Development
- System Design & Architecture
- Hardware Design
- Wireless/RF Design
- Signal Integrity/EMC
- DSP/FPGA/ASIC Design
- PCB Layout
- Software/Firmware
- Industrial/Mechanical Design
- Prototype Testing
- IC Obsolescence
- Automatic Identification System (AIS)
- Environmental and Reliability
- Regulatory Compliance
- ROHS Compliance
- Cost Reduction

Our Technologies

Our breadth of experience and depth of knowledge means you can rely on Fidus to incorporate the latest technology in your designs. Fidus has experience in the following technologies:

- **Wireless:** 300 MHz to 24 GHz, WiFi/WLAN (802.11), WiMAX™, WCDMA, OFDM, mmWave, Software Defined Radio (SDR), GPS, RFID, AIS (Automatic Identification System), Bluetooth®, Zigbee®
- **Telecommunication:** ATM, TDM, xDSL, H.110, SONET/SDH, TCP/IP, GSM, WCDM, CDMA, OFDM
- **High Speed Memory:** DDR/2/3, SDR, QDR
- **10G/40G/100G High Speed Design**
- **Interfaces:** XAUI, 10/100 Ethernet up to 10GigE, MII/RMII/GMII, USB1.1/2.0 Host/Device, Optical OC3/12/48/192, XFI, SFI, SATA, 10⁶ – Base KR
- **Backplane:** PCI/PCI-X/PCIe, cPCI, ATCA, VME
- **FPGA:** Xilinx: Virtex 5, Spartan, CoolRunner; Altera: Stratix III, Cyclone, Lattice
- **Software:** C/C++, Visual Basic, GUI-based
- **Microcontroller:** ARM, Microchip, Freescale, Intel
- **Operating Systems:** Unix, Linux, Embedded Linux, pSOS, VxWorks, Windows, OSE, GNU
- **Power:** Modules (isolated, non-isolated), Discrete Converters (buck, boost, inverters etc.), Batteries and Chargers, Multiple input source switching, Low noise designs & layout techniques.



Our Tools

At Fidus we believe that to build leading-edge products you need state-of-the-art tools. Our investment in a comprehensive suite of advanced development tools and a well-equipped, modern test laboratory saves our clients significant capital expenditure and accelerates ramp up with clients' tool sets. Fidus maintains current licenses for many of its advanced development tools and the team has considerable design experience with a larger spectrum of industry-leading tools. We are experts using the following tool brands and vendors:

H/W Development & PCB Layout: Altium, Cadence, Downstream Technologies, Mentor Graphics, PCB Matrix, Polar Valor, Zuken Cadstar

Signal Integrity & EMC Simulation: Agilent, Ansys, Cadence, Mentor Graphics, Synopsys

FPGA Development: Altera, Cadence, Mentor Graphics, Synopsys, Xilinx

DSP Development: Mathworks, Xilinx, TI Code Composer

Mechanical Design: Autodesk

Firmware & Software Development: CVS, SVN, Freescale Code Warrior, IBM Rational Clearcase, GNU C/C++, KEIL uVision, LabVIEW, Microsoft Visual

Why Choose Fidus?

Fidus prides itself in offering engineering excellence, extensive design experience and diverse technology knowledge to its clients. Whether your project requires turnkey product development services or augmentation of your engineering capabilities, Fidus is your trusted design partner. Fidus helps clients to:

- Focus on core competencies,
- Gain access to capabilities and expertise not available in-house,
- Reduce capital investment in tools and equipment, and
- Reduce their time-to-market.

With multiple design centers and on-site staffing options, Fidus provides highly responsive engineering teams that are an extension of our clients' development team. Our local presence combined with comprehensive project management services ensures high quality delivery of your projects on time and on budget.

At Fidus we not only care about our clients, but we are committed to our employees. We provide an environment where employees can thrive personally and professionally. Consequently, we experience a very low turn over rate. On sequential projects, clients work with the same Fidus team - gaining valuable time to focus on quality and not on ramping up. And since every employee is a shareholder – everyone has a vested interest in the success of the project and company.

What makes Fidus different from its competitors?

Getting it right the first time. Commitment to quality. Breadth of skills. Depth of knowledge. State-of-the-art tools. Communications built on integrity, quality and open communications. These differentiators make Fidus the preferred choice and the reason why clients continue to come back to us project after project.

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