

Embedded Devices

We have experience in developing for a wide range of systems. Contact us for custom microcontroller designs in commercial and residential installations, or industrial PLC applications.



Full System Development

A complete system can involve any number of technologies from the I/O interface to the real world, microcontroller control, back through the Ethernet or wireless technologies of an IP enabled system to a network based management or control system. We have the experience to provide a complete system encompassing any or all of these different platforms and technologies.

Embedded Microcontroller Applications

We have found that the core concepts of embedded device development are applicable regardless of the target microcontroller. We select the most appropriate device to suit your application, and develop using that device. We have worked with Java, C and Assembly code for devices from the 8051, PIC, Z80 and AVR families.

Wireless 802.11b Microcontroller Devices

Our proprietary 802.11b microcontroller interface technique allows us to develop very low-cost wireless 802.11b microcontroller devices. Our 8 bit microcontroller designs include a complete suite of relevant protocols, and a real time multitasking operating system. We target products that can achieve significant value-add from applying wireless technology, and develop the final products for our clients. Please contact us with details of your proposed product for further information.

Industrial Applications

Working in the industrial environment, we have experience with a wide variety of PLCs (eg. Siemens, Allen Bradley, etc.) as well as SCADA packages such as Citect. Application experience includes production line control, air conditioning control, as well as general consultancy and problem solving.

Contact Details

For further details, please contact:

Phone: +61 429 414 000

Fax: +61 2 9651 4242

Email: consulting@dotaussie.com.au

Web: www.dotaussie.com.au



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