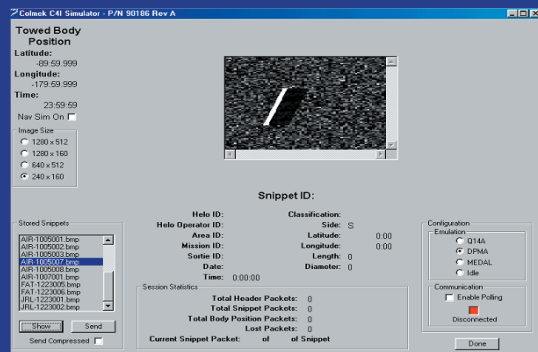


CodaOctopus COLMEK

custom software engineering services



Even the most well-designed system is worthless without the right software to make it work. That's why from the very start Colmek has put a strong emphasis on software design. Our engineers are seasoned pros at developing and implementing embedded and custom system applications for every need. Whatever the environment, whatever the language, Colmek engineers can get it done.

The key word in the name Colmek Systems Engineering is systems. This is because we design entire systems—not just the rugged hardware and casings, but also the custom software that makes a system tick. Colmek has been providing high quality custom software for client specific applications since 1986. In that time we have developed a variety of diverse software packages and routinely call upon our talented engineering team to tackle the most complex application challenges.

Colmek is uniquely qualified to understand the design goals of implementation issued associated with custom projects, and our team of systems and software engineers can perform any level of design, from full system design and fabrication to software for use on existing hardware. We routinely design systems using VxWorks, Windows, and Unix/Linux. We design and manufacture circuit boards using TI DSP, Motorola Power PC, Motorola Microcontrollers and Zilog processors.

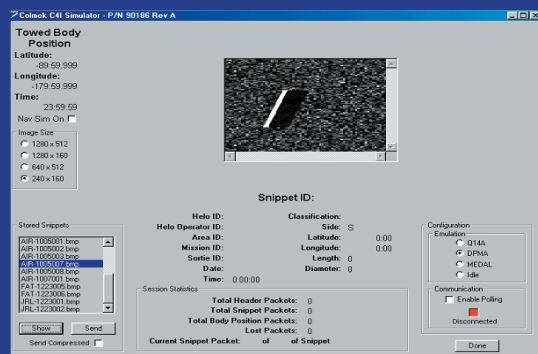
All our software engineers are experienced in bringing up new hardware and in writing interface routines for a wide range of devices. With years of practical experience writing interrupt handlers, device drivers and user interfaces, you can be assured that your system will work as you intend. So no matter what your need—including data acquisition and storage, networking applications, training systems, and microcontroller code—Colmek's broad experience will help ensure your product's success.

continued on back

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COLMEK

custom software engineering services



platforms

- PC
- VME
- Stand Alone

operating systems

- VxWorks
- Win 2000/NT/98
- Unix/Linux
- VRTX
- Nucleus+
- OS/2
- DOS

languages

- C/C++
- Many Assembly Languages
- Visual Basic
- Fortran
- Pascal

processors

- PowerPC
- 8080
- 80x86
- 680x0
- 683xxx
- 6800 6801
- 6805 6809
- 6811 68HC16
- TMS320C3x/4x
- Z80
- Z80180 Z80185

protocols

- TCP/IP
- UDP
- SCSI
- I553
- RS485 Multi-drop Networking
- Serial Communications
- Parallel Communications
- Custom Interfaces