

Embed Inc.

www.embedinc.com



Experience

Embed Inc. has more than twenty-years of experience in design, development and delivery of hardware, firmware and software application solutions. As authorized Stellar application consultants, we successfully deliver electronic designs and custom applications for mobile monitoring and communications. We specialize in Stellar ST2500 and STLite deployments, interfaces and customizations of both hardware and firmware. We are ready to apply our expertise to developing applications for your custom requirements.

Teamwork

Our team follows a comprehensive engagement life cycle throughout design, development and delivery. We consistently deliver creative, high quality solutions and services to your clients.

Commitment

We are committed to becoming **your partner in customized applications for Stellar products.**

Partnerships with our clients are based on honesty, integrity and trust. Our technical knowledge, design expertise and history of success will accelerate your productivity and assure that your needs are met on time and on budget. Our emphasis on quality and usability will lead to a successful product introduction and continued marketplace leadership. As partners, we will succeed.



Stellar STLite Custom Messaging Application

Remotely queue, configure and display text messages on 360° viewable signs over the Orbcomm network



Stellar ST 2500 I/O Expansion Module

Signal conditioning for marine diesel monitoring

Includes 2 digital tachometers with High RPM alarms and differential inputs with hysteresis



Stellar ST 2500 RS 232 to TTL Serial Interface

Cost reduced, specialized DB9 interface for external GPS

Embed Inc.
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Your Idea...



Technology	Services
ST2500, STLite hardware and firmware	Microcontroller system design
Active and passive analog signal conditioning	Analog and digital electronic design
Analog instrumentation and measurement	Circuit layout and PCB design
PID control algorithms	Prototype and small production runs
Low power battery operated systems	Regulatory compliance
DC to DC converters and switching power supplies	Custom hardware and firmware development for Stellar satellite communicators
Digital Signal Processor (DSP) systems	
Servo controllers	
Motor control	
Ethernet, CAN, RS-485, RS-232, I ² C	

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