

THE  
COM  
EXPERTS

MEDICAL  
INDUSTRIAL  
GAMING  
AUTOMATION  
MILITARY  
TEST AND  
MEASUREMENT  
SECURITY  
TRANSACTION  
TERMINALS  
TRANS-  
PORTATION

# COM EXPRESS SERVICES

RadiSys delivers a broad range of Procelerant™ COM Express products that help equipment manufacturers shorten their time-to-market and reduce development costs. Incorporating Procelerant COM Express modules into their designs allows manufacturers to focus engineering resources on developing features that differentiate their products. We also offer a suite of COM Expert services delivered by a talented engineering team. Our COM Expert services team has extensive experience in COM Express and carrier board design, BIOS, mechanical, thermal and manufacturing processes. Customers can choose from a variety of services to meet their needs, including:

**COM EXPERT BASIC SERVICES:** To ease implementation, you can order a range of well-defined, standard services via a product code, similar to an off-the-shelf product.

**CUSTOM ORDER CODE CONFIGURATION:** Designed for customers who don't have time to manage additional assembly functions such as inserting memory and attaching it to the heatsink. You can order a unique BIOS that is flashed on the module with a RadiSys custom code configuration.

**CUSTOMIZED TEST BIOS:** For applications that require certain component settings that are not standard to the module BIOS, we provide an evaluation or TEST BIOS to meet your specific BIOS criteria, typically within 24 to 48 hours.

**BIOS REVISION FREEZE:** If your application is BIOS revision sensitive, we can freeze the module BIOS revision to your specification, for as long as the module is manufactured. This service also includes a custom product code set up.

**CONFORMAL COAT:** We provide conformal coat using Humiseal 1B31 coating material with an even, consistent thickness of 1-3 mils. The process is in accordance with MIL-I-46058C and IPC-CC-830B, and IPC-A-610D Class 2. This service includes a custom product code set up and is covered under the RadiSys Standard Warranty.

**CARRIER SCHEMATIC CHECK:** Our engineering team is experienced at reviewing carrier schematics to uncovering mistakes or identifying specification interpretations that could cause trouble down the road. The COM Expert team is committed to ensuring your carrier design has a greater potential for success.

**THERMAL CONSULTATION:** Our COM Expert team has extensive experience creating heatsinks and can help reduce your evaluation time substantially by clearly defining design targets according to thermal or cost limitations. RadiSys experts will evaluate and recommend options, including the appropriate heatsink, and vendor for your application.

In addition to the standard services outlined above, we offer a broad range of customized services including: extended environmental testing, full thermal design, carrier debug, carrier design, custom BIOS and extended validation.

For more information about RadiSys COM Expert services, contact your Regional Account Manager, call 800-950-0044 (Internationally 503-615-1100), or visit [www.radisys.com/service](http://www.radisys.com/service)



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## Collaborative lifecycle

RadiSys will provide you with our technical subject matter experts for advice and guide you to resolution—collaborating for success!

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**RadiSys**  
THE POWER OF WE

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