

# DuraVIS™ Displays for Tactical and Military Applications

DIGITAL TECHNOLOGIES FOR A BETTER WORLD  
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## Eurotech Solution – Our Value Proposition

- Faster project completion – using standard high-quality and MIL- certified COTS product
- EU design/production, global presence with strategic partnerships
- Protect your investment – 5 to 15 product lifetime management
- Reduced downtime – extended operating temperature, rugged construction, structural heat dissipation, shock protection
- High integration – cost, size and power consumption advantage
- Reasonable NRE for modifications – standard architectures support easy personalization with custom features
- Guranteed compatibility, qualifications and performance



# Typical DuraVIS™ Applications

- Onboard digital video/audio recording systems
- Military mobile computing and data processing
- C4I systems
- Mission and status information visualization
- Security, surveillance and vision systems
- Onboard display for DuraCOR systems (MFD)

## Platforms



# DuraVIS™ Display Design Philosophy

- COTS display for rugged vehicle computing applications
- Compatible with all Eurotech DuraCOR and third party systems
- Easily adaptable for custom system requirements
- Extended lifetime 5 to 15 years upon request
- Wide operating temperature: -20 to +60/70°C
- Compliant with MIL-STD-810, MIL-STD-1275/704 and 461E
- Anodized precision machined aluminum enclosure
- Wide adjustment range backlight 100% -> 5% and OFF
- Internal reliable isolated MIL-class power supply
- Enhanced input filtering and protection
- Analogue CRT, RS170, LVDS or TCP/IP host interface
- Optional resistive touch screen or pushbuttons
- Standard D-type or MIL I/O connectors



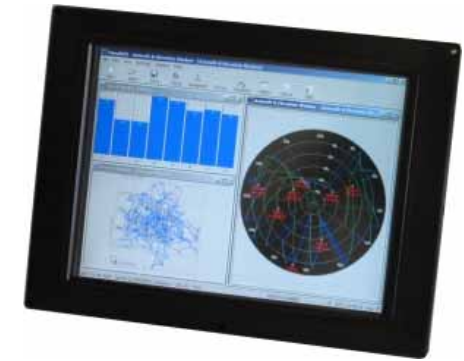
# DuraVIS™ Product Family Overview

## DuraVIS 3410

- +12V/24V and +28V Avionics and vehicle applications
- 10.4" Active matrix display
- XGA, SVGA or VGA resolution
- Touchscreen with serial interface
- Optional 16 pushbuttons
- Optional integrated x86 processor
- 400-1000 nit brightness
- 9-45Vdc supply voltage

## DuraVIS 3010

- +24V and +28V systems
- 6.5" Active matrix display
- CRT,RS-170 or LVDS input
- VGA resolution
- Six pushbuttons or touchscreen
- 850 nit brightness
- 18-36Vdc supply voltage



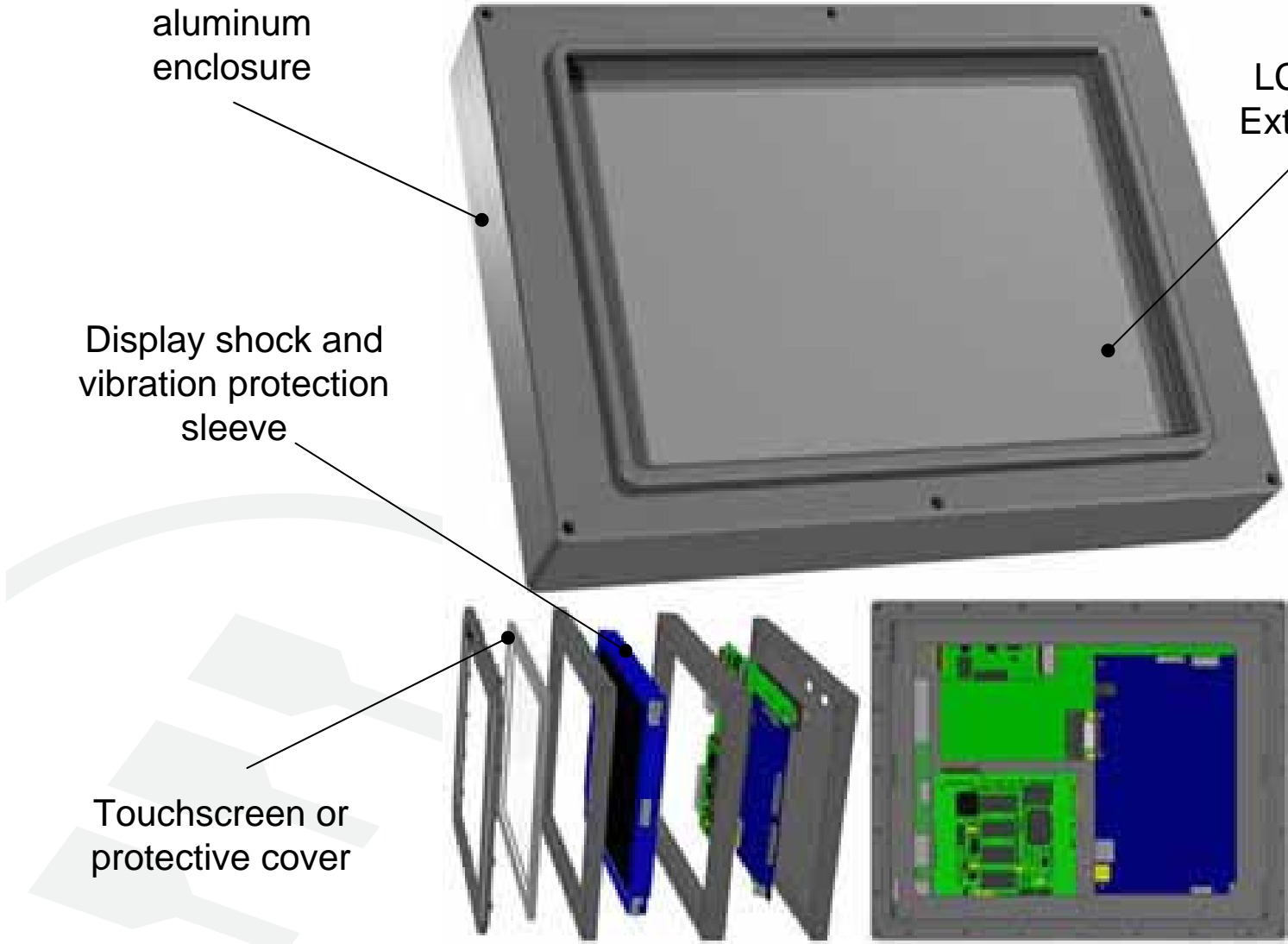
# DuraVIS™ Display Construction

Sealed machined aluminum enclosure

LCD - High reliability  
Extended temperature

Display shock and vibration protection sleeve

Touchscreen or protective cover



Back View

# DuraVIS™ Project Product Overview

## DuraVIS 4X00 Series

- Project product – special conditions for availability apply
- +28V MIL-STD-704 Avionics PSU
- 6.4" Active matrix display, illuminated buttons
- 640 x 480 VGA resolution with 850 nit brightness
- Lexan display cover
- 3D shock and vibration protected display and computer in floating card cage
- Optional internal 333/400MHz embedded x86 CPU
- Additional features: I/O, MIL-STD-1553 & GPS
- Expandable with Eurotech PC/104 modules
- Standard ¼ -turn DZUS fastener rail mountable  
custom mechanical solutions available upon request



## ODM – Application Specific Displays

- Conditions and terms
  - NRE required, project specific terms
  - Test and qualification charge: EMC, Mechanical etc.
  - MOQ apply, project specific conditions
- Adaptation of standard displays
  - Custom connectors and I/O
  - Touchscreen technology or pushbuttons
  - Surface treatment
  - Mounting and installation fixtures
- System integration
  - Electronics, CPU integration
  - Cabling and connector design
  - Thermal, mechanical and enclosure design
- Full custom design and development
- Testing and qualification to MIL standards
- Lifecycle, service and maintenance planning



**Eurotech is an outsourced,  
“Application-Ready” embedded-computer company  
that can be strategically deployed as your  
“Virtual Design” Solutions House**



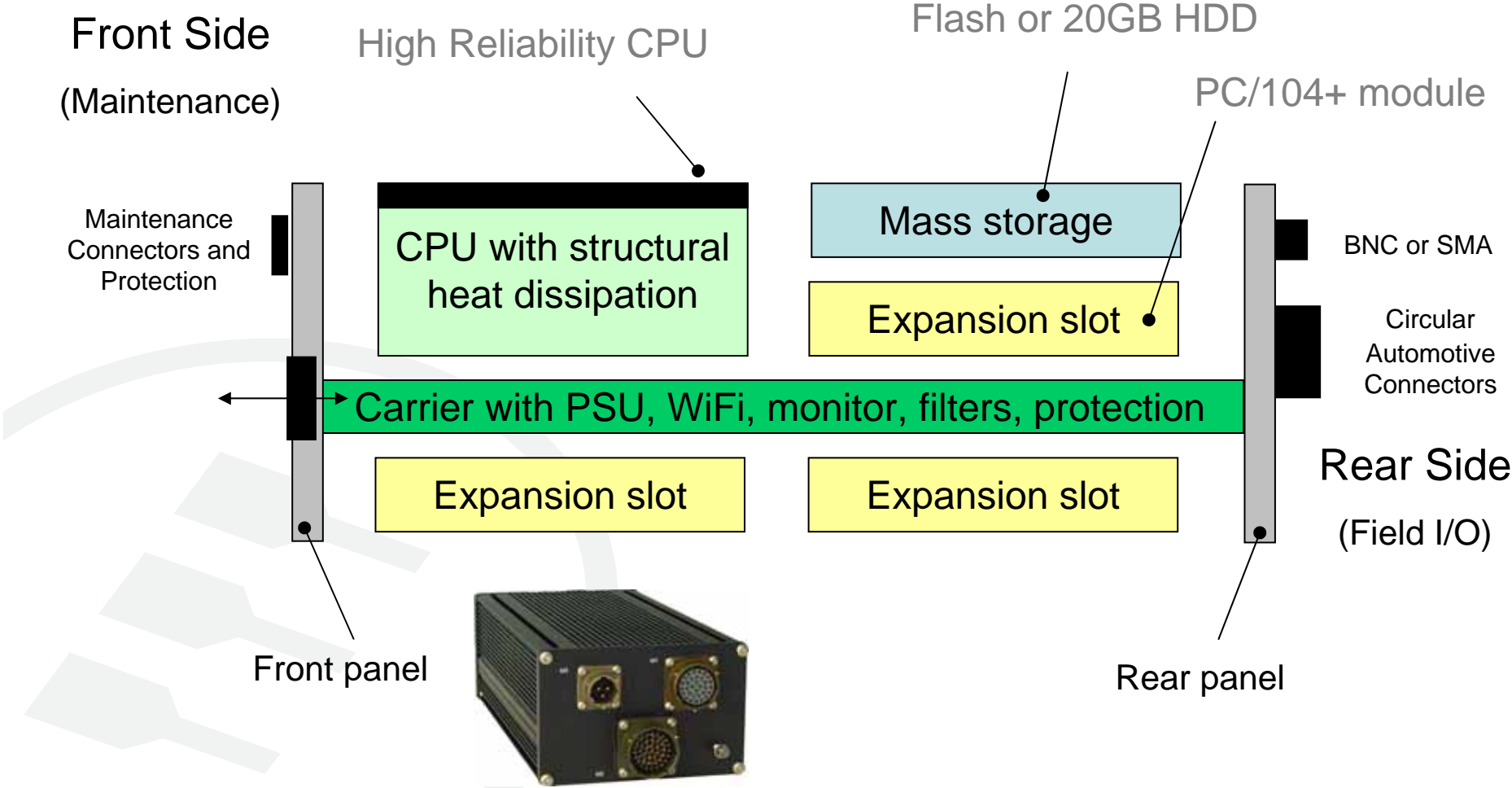
# DuraCOR™ Product Overview

## DuraCOR Series Rugged Central Units

- +12/24V and 28V avionics and vehicle installations
- 1.6GHz ATOM, 1GHz Celeron M or 1.4GHz Pentium M
- Internal monitoring and diagnostics system
- -40 to +70/85°C operating temperature
- Structural heat dissipation
- Flash Disk-on-Module for OS, application and storage
- Serial, USB, Video, keyboard PS/2, Gbit/10100Mbit Ethernet
- Application specific – expansion CAN, Video, Analog I/O, MIL-STD-1553b

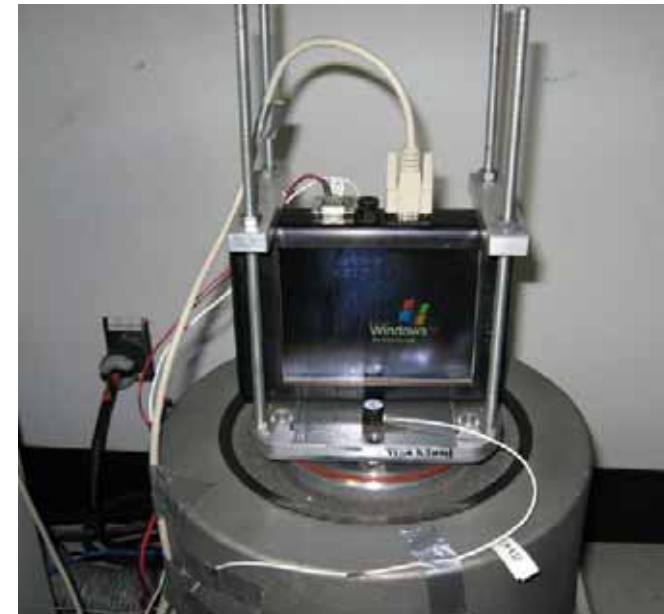


# DuraCOR™ System Construction



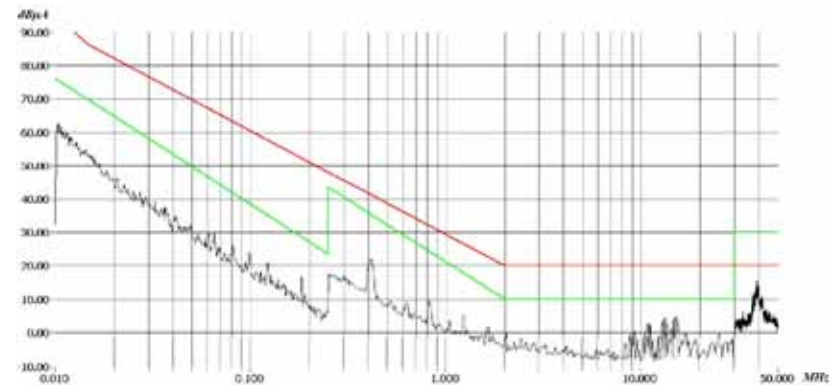
# Certification and Compliance

- ISO 9000:2001 Quality program
- MIL-STD-810F Environmental and Shock and Vibration
- MIL-STD-704 Avionics EMC
- MIL-STD-1275 Military vehicle EMC
- MIL-STD-461 Generic Military EMC



## Eurotech path to compliance

- Experience in electronic and mechanical design
- Optimal EMI implementation
- Internal pre-compliance testing
- Accredited compliance certification
- Production quality control procedures

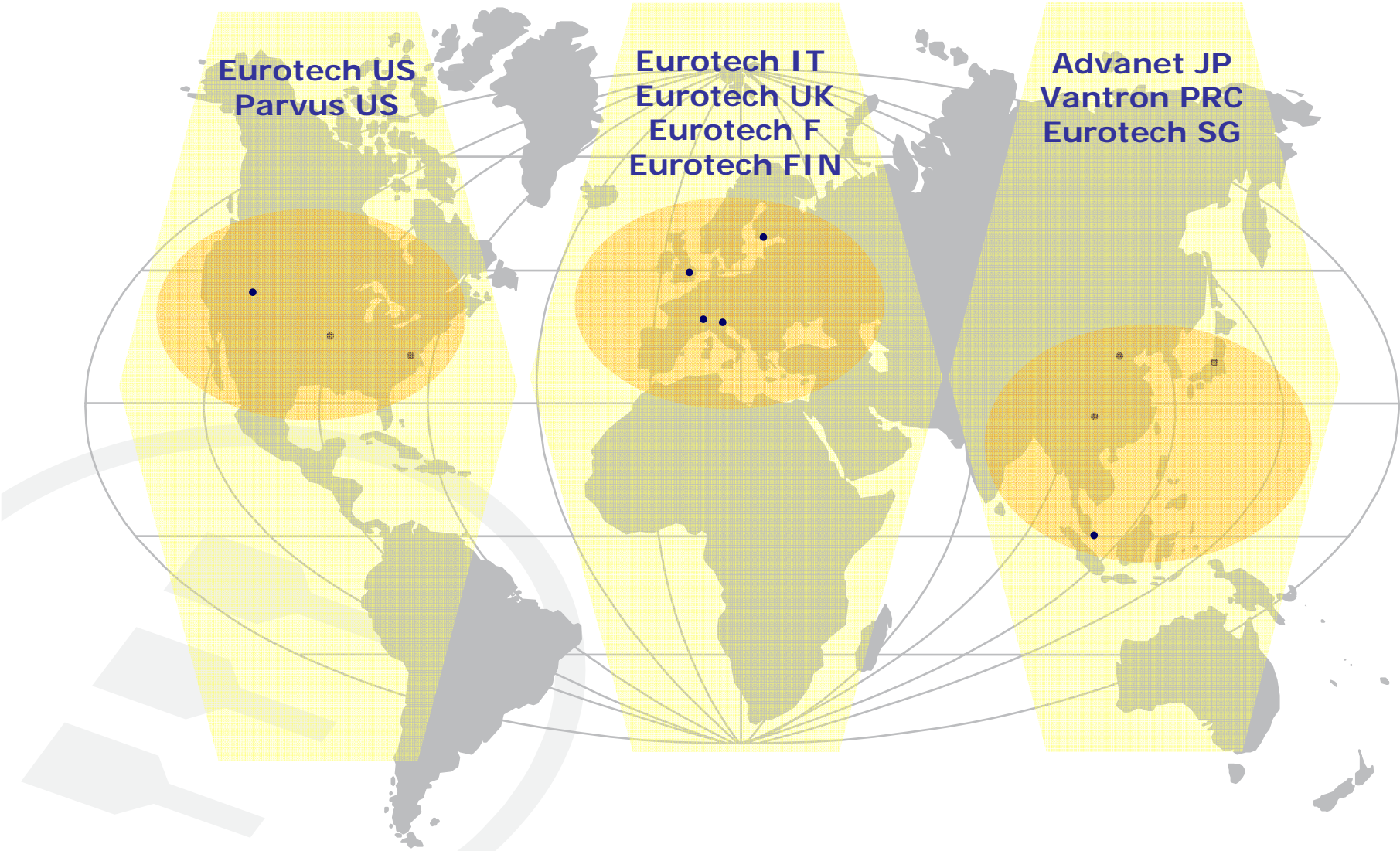


## ODM – Advantage Proposal “It all adds up!”

- Combine technologies from multiple sources
  - Eurotech system technology
  - Customers electronics or subsystem
- Reduced design and financial risk
- Accelerated project completion – increased focusing
- Possibility to increase integration and reduce size
- Overall cost optimization :
  - Development and certification
  - Production and quality
  - Service and maintenance
  - Lifecycle management
- Product differentiation strengthens competitiveness
- Higher availability and easier maintenance



# Our Global Footprint



# Contact Information

The screenshot shows the EuroTech Group website homepage. At the top left is the EuroTech Group logo, a stylized 'E' with three horizontal bars, followed by the text 'EUROTECH GROUP'. To the right of the logo is the tagline 'DIGITAL TECHNOLOGIES FOR A BETTER WORLD'. In the top right corner, there are browser controls for font size (A+, A-, X) and a language selector (Italian flag). Below the logo and tagline is a navigation menu with links for 'Home', 'Contact us', and 'Sitemap'. The main banner features the 'Everyware™' logo in white on a blue background with a blurred image of a vehicle. Below the banner is a secondary navigation bar with three sections: 'PROFILE' (with a photo of people), 'PRODUCTS' (with a green circuit board image), and 'INVESTOR RELATIONS' (with a photo of people). The main content area is divided into four columns: 'Eurotech WorldWide' with a world map, 'Markets' with sub-sections for 'Transportation, Mobility & Surveillance TMS' and 'ICN Industrial, Commercial & Networking', 'Products' featuring a 'DuraMAR 1000 Router' with an image of the device, and 'Latest News' with two news items dated 4/15/2008 and 3/29/2008.



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ขอบคุณครับ

Thank You

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