



For demanding applications

Military Embedded Computer Solutions for Land-, Sea- and
Airborne applications

Gjermund Slettvoll, Engineering Group Manager
Bjørn Espen Aase, Managing Director Recab Norway

”

We create innovative embedded computer systems, industrial communication, machine vision & sensors for demanding applications

Hvem er Recab

- Nordisk teknologiselskap (IT)
- Ca 40 ansatte, knappe 10 stk i Norge (Hamar)
- Underkant 200MNOK omsetning
- Søsterselskap i UK
- Stort globalt partner-nettverk
- Eid av Addtech (Industrielt holding selskap)

Leveranser til Forsvaret

- COTS og kundespesifikke “application ready” Computere og svitsjer primært via KONGSBERG
- Systemleveranser ila siste 10 år;
 - ULA klassen ubåt
 - Nansen klassen fregatt
 - Hugin AUV
- FOKUS: Gjøre kommersiell IT teknologi tilgjengelig raskere for å møte fremtidens krav.

Hyperconverged Infrastructure

Rugged Cloud Server for Embedded Applications



- Rugged by design
 - OpenVPX
- VMware ready system
- Up to 5 x 16 Core Intel Xeon D
- Up to 5 x Coprocessors @ PCIe x16
 - Nvidia Tesla P6 or Quadro RTX5000
 - Xilinx Kintex-7
- Up to 40G Ethernet Blade-to-Blade Interconnection



Modular COTS Computer

GPGPU Accelerated High Performance Vetric Computer

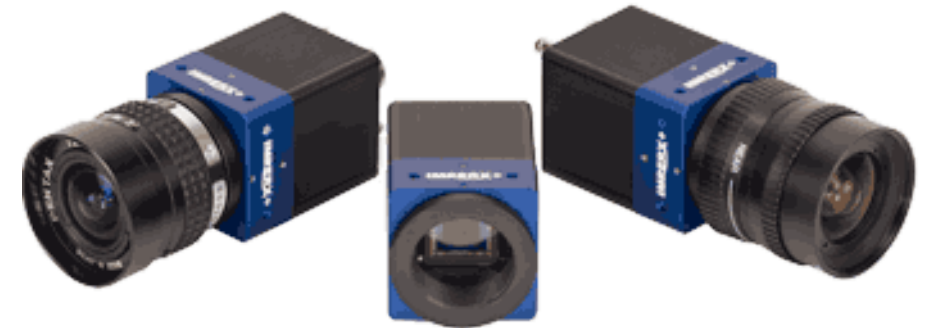
- Modular Rugged Design
 - OpenVPX
- VMware ready system
- Intel Xeon D or Core i3/i5/i7 CPU
- Nvidia or AMD GPGPU
- Configurable External Interfaces
- Radiation or Cold Plate Cooling
- Accelerated Development Cycle and Time to Market



Advanced Camera Systems

High Speed Cameras for Surveillance & Defense Applications

- 8, 10, 12 or 14-bit selectable output, 24-bit RGB
- Auto Exposure/Auto Gain
- Auto-iris
- Iris, Focus, Zoom motorized lens control
- Multiple triggering modes, PIV support
- Auto White Balance
- Auto Tap Balance & Pixel Correction
- From 2 to 31 megapixels resolution

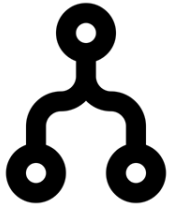


Engineering expertise & resources



SYSTEM ARCHITECTURE DESIGN

THERMAL MODELING & SIMULATION



MECHANICAL & ELECTRONIC HW DESIGN

SW & FW DEVELOPMENT & ADAPTION



SYSTEM INTEGRATION & TEST

CERTIFICATION / TYPE APPROVALS

ENVIRONMENTAL STRESS SCREENING



TRAINING & ON-SITE INSTALLATION

