INTERCONNECT SOLUTIONS for military AIRCRAFT
**CABLING ENGINEERING STUDIES**
- Engineering studies.
- Design.
- Prototypes.
- 3D printing.
- From small series to large volumes.
- On-site cabling.
- Built-to-Print® or custom designed cable assemblies.

**EMI PROTECTION**
- Protection of cables and equipment against electromagnetic interference.
- Expertise in braids, shield terminations, tapes and overbraiding.
- Simulation and control of transfer Impedance.

**OVERMOULDING & OVERBRAIDING EXPERTISE**
- Ruggedized and reliable connections.
- High & low pressure and hot melt moulding techniques.
- Waterproof, resistant to salt spray.
- Protection of cables and equipment against electromagnetic interference.

**LASER-GUIDED WEAPON**
- Overmoulded harness.
- High & low pressure and hot melt moulding techniques.
- Harness expertise.
- Custom-designed solutions.
- Rugged, reliable, EMI optimized, compact & lightweight cable assemblies.
- Insulation with high performance materials to resist harsh environments.

**AUTO PROTECTION**
- Ethernet cable assemblies.
  - High levels of shock, vibration and mechanical impact protection.
  - Made of a cat.6a 10 Gb/s twisted pair cable resistant to high temperatures.
  - Can be terminated with a RJAS system which incorporates a MIL-DTL-38999 series III shell.
  - Micro-D version: 80% weight saving with micro-D connectors compared to a MIL-DTL-38999 shell.

**COCKPIT**
- Ultra flexible wires.
- Designed for applications with restricted space and challenging routing.
- For dynamic applications including surveillance system, radar detection, gimbals and moving optronic systems.
- Alexal® Aluminium wires.
- Whole range of silver plated aluminium conductors and shielded wires.
- 30 to 40% weight saving compared to equivalent copper wires.

**CONTROL DISPLAY**
- Flat Flexible Cables and Connections.
  - For board-to-board and board-to-display interconnections.
  - High speed impedance controlled 100Ω shielded flat assemblies.

**ON BOARD ELECTRONIC SYSTEMS**
MIL-STD-1553 data transmission network including:
- In-line couplers.
- Rack couplers.
- ACC Crimp couplers.
- Removable box couplers.
- Triaxial contacts.
- ACB1 connectors.
- MIL-STD-1553 cables.
- Reliable technology.
- Excellent security of data flow.
- Signal integrity.
- Fast diagnostic of all equipment connected to the databus network.

**WING**
- Micro-D connector with optical contacts.
- No EMI interference.

**EJECTOR SEAT**
- Overbraided cable assemblies.
  - Custom-designed cable assemblies.
  - Protection of cables and equipment against electromagnetic interference.

**FULL TANK**
- Fluororubber cables VITAX™.
  - High resistance to aggressive environments: heat, fuel and chemicals.
  - Flexibility.

**LONG-RANGE DETECTION AND IDENTIFICATION**
- Miniaturized connectors and cable assemblies.
  - Complete range of rectangular and circular Micro-D connectors based on the MIL-DTL-83513 standard.
  - Standard and custom-designed miniaturized cable assemblies.
  - Connector made from Twist Pin contact: high performance and reliability.

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