



Photo credits: Airbus and Lockheed Martin

Leading the Way in Custom Displays and Panels for Avionics and Defense Applications

With a remarkable track record of over half a million units deployed worldwide, CMC Electronics is a renowned specialist in providing displays and panels for avionics and defense applications. Boasting a commitment to flexibility, reliability, and scalability, CMC excels in designing and manufacturing displays and panels tailored precisely to the requirements of major avionics original equipment manufacturers (OEMs) and system integrators. Leveraging well-tested design guidelines, reusable building blocks, and cutting-edge manufacturing facilities, CMC stands out with its well-established avionics engineering expertise and operational excellence, ensuring robust and highly reliable solutions available for the long term.



APPLICATIONS:

CMC's versatile product range has applications in various military and commercial cockpits and cargo scenarios, including:

- Multi-function displays (MFDs), multi-purpose control display units (MCDU), Video Display Units (VDU), Control Display Units (CDU), Pilot Interface Units (PIU) and Touch Screen Control Units (TSCU)
- Load master control systems, fuel management panels, countermeasure control units, EFIS controllers, and more
- Military and commercial display front-end or semi-smart Line-Replaceable Units (LRU)
- Avionics upgrade programs to extend aircraft life, including CRT replacements
- Fixed and rotary-wing forward and retrofit markets



Custom Displays and Panels

KEY CUSTOMERS:

CMC has earned the trust of many prominent companies in the industry, including:

- Airbus A320/330, A400M
- Boeing B787, B737 NG, AH-6i
- L3Harris LINc Secure Communication System and AIDEWS
- Sikorsky UH-60L
- Others: BAE, Collins, Extant, Honeywell, KAI, Leonardo, Palomar, Thales

WHY CHOOSE CMC:

There are several compelling reasons to choose CMC Electronics for avionics and defense applications:

- A broad portfolio of control panels and displays for both retrofit and forward-fit solutions
- Sleek, attractive designs, NVIS ready, with high-performing power-efficient backlighting enabling higher luminance levels and a wide color gamut
- TSO certifiable to DAL A/B levels, ensuring the highest safety standards
- Team of experts ready for the next generation of touch-screen larger and wider displays
- Expertise in ARINC 661 compliant displays, showcasing CMC's commitment to cutting-edge technology
- State-of-the-art production facilities with printed circuit board assembly Class 3, wet and dry lamination capabilities, and HASS testing
- Flexibility in developing and delivering cost-effective solutions in both small and large volumes



PORTFOLIO AT A GLANCE:

CMC's comprehensive product portfolio includes:

- Highly customizable and flexible smart and video displays
- Portable mission displays
- Touch-screen control units (TSCU)
- Custom panels tailored to specific requirements
- Military and commercial

THE WAY FORWARD:

CMC remains steadfast in its commitment to offering the latest technological advancements to customers, empowering them to achieve greater profitability, mission success, and reduced total cost of ownership. With a diverse portfolio of products and the ability to develop and deliver cost-effective solutions in varying quantities, CMC Electronics is in an ideal position to cater to the unique needs of its avionics customers.



CMC Electronics stands as a reliable and innovative provider of certifiable displays and panels, revolutionizing avionics and defense applications with its cutting-edge technology and unwavering commitment to excellence.

For more information, visit www.cmcelectronics.ca or email us at cmc.sales@cmcelectronics.ca

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