

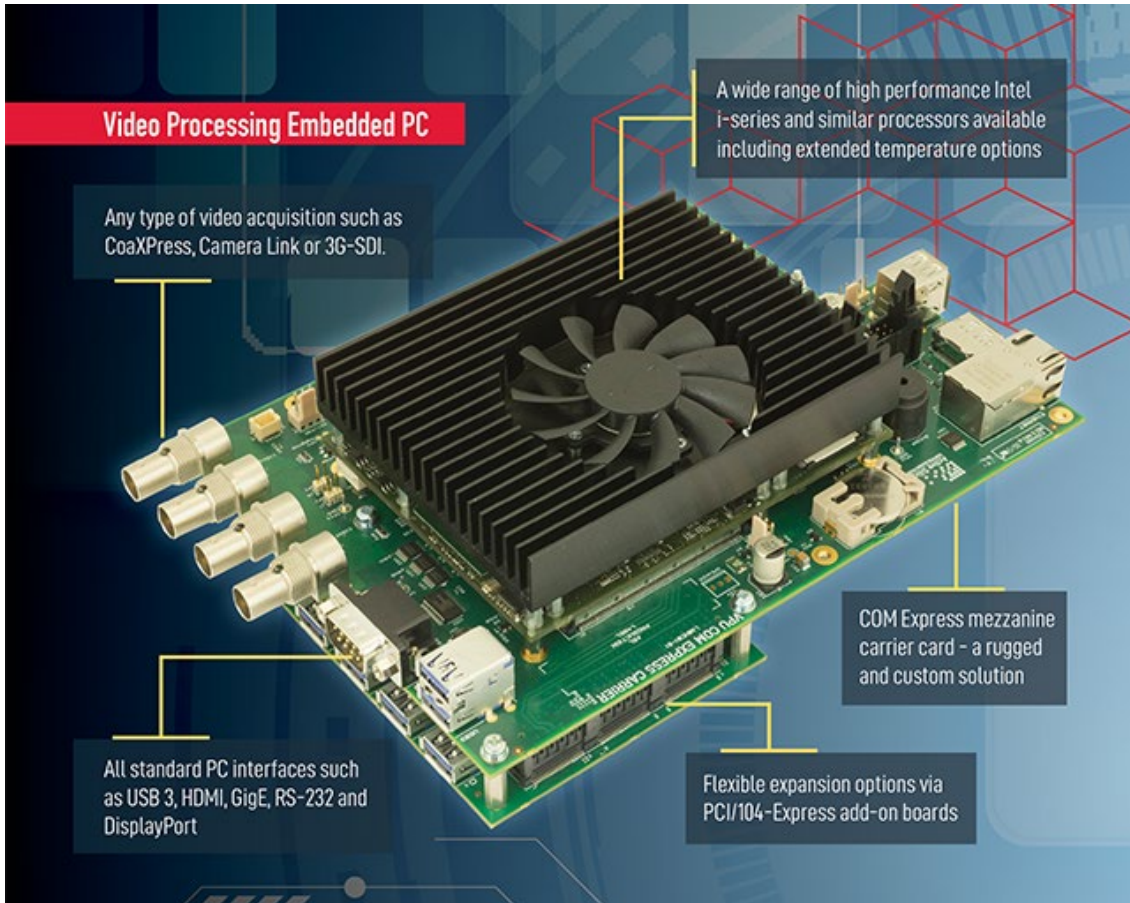


Custom Embedded Systems from Active Silicon

Embedded systems is where our company started over 30 years ago. Since then we've designed, developed, prototyped and manufactured embedded vision systems for worldwide customers in gaming, medical imaging, inspection and surveillance.

Our **custom embedded products** usually include cutting-edge vision technology, but also integrate machine control, communications, networking and other I/O functions. See examples of the diversity of **products we have designed** and read about our **skills and capabilities**.

Do you need an embedded PC for video processing and with control function that will retain the same in form, fit and function for many years to come?



The pictured Video Processing Embedded PC, or one of our other embedded systems, can be easily adapted to a multitude of medical or industrial applications.

[**Enquire About Embedded Systems**](#)

Benefits of custom embedded systems

- Optimized to the specific application
 - In many cases the most cost-efficient solution
 - Space-saving as all functionality is provided by one carrier board
 - Increased reliability
 - Long product life ensured
 - Form, fit and function staying the same for many years
 - Certified to quality and medical standards as required.
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An embedded system for London Underground




One of our latest projects is in collaboration with our group company Steatite within Solid State Plc. Solid State has been awarded a contract to help deliver a new One Person Operation CCTV system for Transport for London, as part of the Piccadilly Line Upgrade on the London Underground Network.

The new digital system will be utilised on the Piccadilly line, which will benefit from 94 new state-of-the-art Tube trains from 2025. It will allow real time IP video images of the platform edge (the “mind the gap” area) to be transmitted to, and displayed, on in-cab screens for driver awareness.

Steatite will be providing custom-designed computers for use on the trains and within the wider station-based system. Carrier boards with specialist display outputs are being designed by Active Silicon to be utilised at the heart of the onboard system. Read more at Steatite's [news centre](#).

Active Silicon, a Solid State plc company, is a leading manufacturer of imaging products, embedded systems and custom solutions. If you would like to stay informed of upcoming events, products and news in general, then please follow us on one of our social media channels below.



Contact us 

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