

CASE STUDY

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Analogic Corporation, US

BACKGROUND

For over 40 years Analogic has created markets by anticipating and solving some of the world's most complex medical and engineering challenges. Their specific areas of expertise include developing enabling technologies used in computed tomography (CT), ultrasound, digital mammography (DM), and magnetic resonance imaging (MRI). They also develop state-of-the-art threat detection systems for airport checked-baggage screening as well as motion controls.

PROJECT

Analogic was looking for a way to port their legacy A3 Patient Monitor application running on pSOS to the Nucleus operating system while upgrading their hardware.

PRODUCT

The logo for OSCHANGER features a green circular icon with a white diagonal slash, followed by the word "OSCHANGER" in a blue, sans-serif font with a registered trademark symbol.

pSOS OS Changer Porting Kit for Nucleus Target

SOLUTION

Analogic was able to successfully port their pSOS application to Nucleus within one week's time.

Here is a quote from the customer:

"OS Changer works great. I really didn't have to 'convert' any code from pSOS to Nucleus. I just had to integrate OS Changer into the combination of pSOS and Nucleus tasks that we ported from two previous projects. It took about a week. I had to integrate maybe 75 KLOC, about a hundred pSOS calls."

