



case study

Storage Device Software Optimization

Overview

A large storage device company asked Neubloc to utilize our engineering team to optimize embedded software across numerous products. Our team worked with three different software groups to reduce code complexity, improve development efficiencies and reduce memory utilization. This ensured a more efficient and cost effective means to manage future development efforts.

The Rightsource Approach

Working closely with our client, we approached this engagement by assigning key team members to each software group to assess the current state software environment. We analyzed the code base to identify necessary staff augmentation as well as unique projects and overall skills to map against the product release cycle to *rightsouce* the effort effectively. Our approach provided the flexibility and management our client needed to properly structure the long-term effort and team.

Services and Skills

- C/C++ embedded engineering
- ARM processor driver development
- Software Build expertise
- Creation of validation scripts
- Doxygen integration

Business Benefits

- Reduced code complexity by 40%
- Reduced thousands of compile warnings and errors
- Created numerous software tools to improve efficiencies
- Redesigned to reduce memory utilization

