

# Leveraging Intellectual Property Using Gedae

## Executive Summary

Utilizing Gedae to develop your products creates the opportunity to benefit from portable and reusable algorithms because of the separation of functionality and implementation.

## Leveraging Your IP Using Gedae

One of the greatest benefits of utilizing Gedae is the opportunity to leverage your intellectual property. This opportunity is available because the functionality of the application is developed independent of the hardware specific implementation.

An example of the value of independent functional and implementation specifications is the ability to create variants based on either the hardware targeted or the application functionality. Gedae created applications have been leveraged in this manner several different ways.

## Hardware Portability

SELEX SAS codeveloped their custom hardware and application at the same time. The application was developed and verified on COTS hardware and when the custom hardware was completed it was easily moved over to that platform (figure 1). SELEX also plans to leverage Gedae for hardware upgrades in the future.

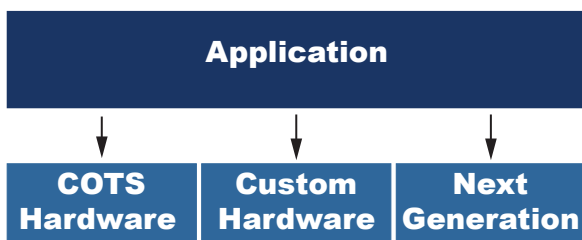


Figure 1: Easily port the same application to many different HW architectures

## Application Variants

Another creative way to leverage Gedae's flexibility is to create variants of a multi-capability application for sale to different customers with different requirements.

As an example, a customer recently leveraged their Gedae developed application by creating a single multi-function application and then selling variants of their product to different customers. Each variant targeted a different hardware platform and provided a different subset of the master application's features (figure 2). The Gedae user spent funds developing the application once and was able to realize significant profits because of the ease of creating new deployed applications in Gedae.

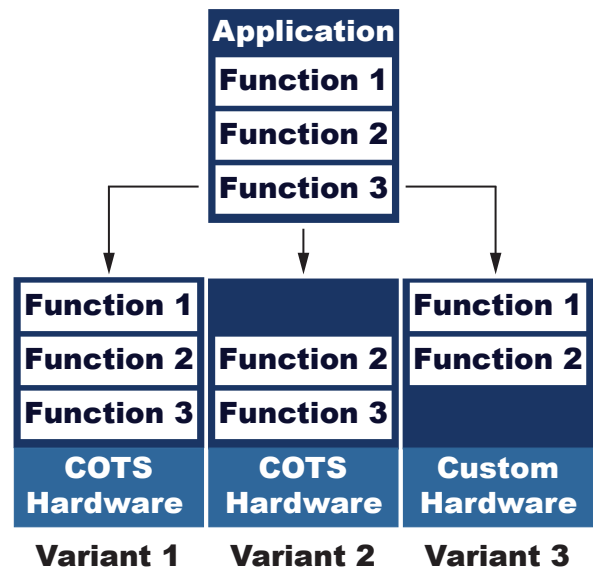


Figure 2: Once created, function and algorithm reuse is a great way to leverage your IP

## Algorithm Repository

A third customer has created a library of commonly used algorithms for their organization that is centrally located and accessible. This algorithm repository is accessed by engineers company wide. The engineers are free to pick, choose and piece together needed algorithms or to choose a generic sample algorithm and customize it.

These are just a few examples of how Gedae helps you get more value for your development dollar.