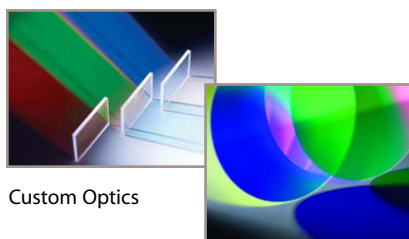
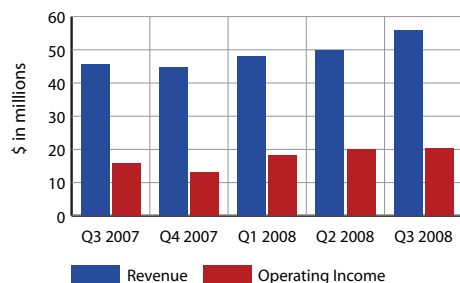


# Advanced Optical Technologies Fact Sheet

## Revenue and Operating Income



Custom Optics



Authentication Solutions



Decorative and Product Differentiation

## Overview

JDSU's Advanced Optical Technologies (AOT) business segment consists of the Custom Optics Product Group (COPG), which produces precise, high-performance optical thin film coatings for a variety of applications; the Authentication Solutions Group (ASG), a comprehensive supplier of integrated, overt and covert optical security solutions, including brand protection, anticounterfeiting, and document authentication solutions; and the Flex Products Group (FPG), which provides innovative solutions for decorative applications, as well as support for currency customers and specialty applications such as window films.

In Q3 2008, the AOT business contributed \$55.8 million, or 15% of total non-GAAP revenue.

## Custom Optics

COPG, with expertise derived from several decades of experience in thin film coatings, focuses on using optical and material technologies to manage light and/or color effects to develop innovative solutions for a variety of markets. COPG provides optical coatings that are used in the biotechnology, entertainment and aerospace industries for applications such as analytical and diagnostic equipment; defense applications, like electronic countermeasures, night-vision products, and avionics components; and space exploration and satellite communication.

## Authentication Solutions

ASG provides product security technologies that enable customized, multilayer security solutions. These solutions include, holography, flexible aesthetics, and high-quality commercial labeling for a variety of products: high-value government documents, transaction cards, product authentication, security packaging, pharmaceutical, consumer electronics and other commercial goods.

## Flex Products

Flex Products Group provides innovative, optically based, color-shifting solutions used in the decorative packaging industry. In addition, Flex Products offer unique decorative solutions for product finishes and packaging, resulting in bold custom colors and stunning visual effects that can be applied to a wide variety of substrates in a broad range of consumer products. It also provides protection solutions for currencies used in approximately 100 countries.

## Customers

Customers for our AOT business segment include Agilent, BAE Systems, Dolby, Eastman Kodak, IIT, Mitsubishi, Nike, Northrup Grumman, SICPA, Siemens Medical, and Toshiba. Some of the countries using our technology to protect their currency include China, the European Union, and the United States. Leading pharmaceutical companies worldwide also use JDSU solutions to protect their brands. Customers for JDSU decorative product differentiation solutions include BASF, DuPont, and PPG.

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