#### Christie Digital Systems Inc., a global visual technologies company, offers diverse solutions for business, entertainment and industry. With expertise in film

projection since 1929 and professional projection systems since 1979, they have established a reputation as the World's single source manufacturer of a variety of display technologies and solutions for cinema, large audience environments, control rooms, business presentations, training facilities, 3D and virtual reality, simulation, education, media and government.

### Problem

In 2008 Christie Digital Systems Inc. approached Fibergrate regarding a 3-D imagery unit for training simulation purposes for the U.S. Joint Forces Command (JFCOM). They required a cost effective structure to house and support all camera and monitors for the 3-D imagery. The structure needed to be non-conductive and RF transparent. The design of the structure needed to be extremely rigid to prevent projection movement.

## Solution

FRP was chosen by Christie Digital due to it being electronically and thermally nonconductive and has high strength to weight ratio. A strategic and calculated set of plans were created with the use of Dynaform Structural Shapes to create a customized structure to meet the performance requirements of the customer.

#### Award

The U.S. Joint Forces Command presented Christie Digital Systems Inc. with an award for the cave structure for their 3-D imagery unit. Christie Digital then presented Stephen Clark, the District Manager responsible for the contract, with an award in February 2010.

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# **Project Specs**

**C**ASE STUDY

**General Manufacturing** 

Location: Canada Application: Customized Structure Product: Dynaform<sup>®</sup> Structural Shapes

#### **Overview**





