

Modular Telecom Solution for Speedcast

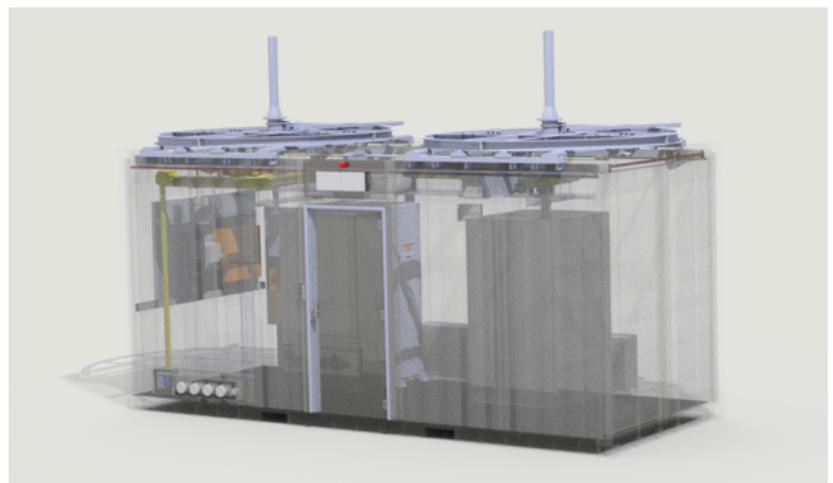
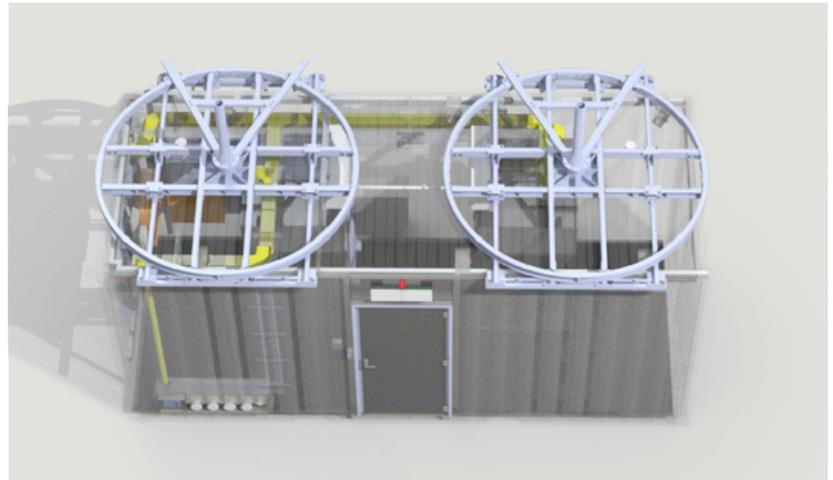


Background

Speedcast is one of the most trusted provider of remote communications and onsite IT solutions to energy industry. The company provide communications and onsite IT support services at four operations camps for Sasol's oil & gas exploration and well delivery camps operating in remote area.

Objective

The key objectives was to design and build a Satellite Telecommunications Module that could be used to provide telecommunications in remote areas.



Engineering that would become the blue print for a fleet of units

Overview

Speedcast tasked DXN Limited (DXN) with the engineering and manufacturing of satellite telecommunications modules that could be deployed in remote locations.

These units not only had to house traditional mobile data centre equipment (Racks, UPS, power and security equipment) but also had to structurally support the mounting of satellite antennae to the top of the ISO Container.

It was another opportunity for us to show off our engineering prowess and the versatility of the ISO form factor.

The mounting we proposed provided structural support for the antennae without compromising the natural rigidity of the container. Our design became the blue print for a fleet of units introduced by Speedcast into the market.