

# OPENAMIP OVERVIEW

## Overview

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The use of VSAT technology for mobility applications has expanded greatly in the past years. During this period of growth new advances were developed to make it easier to implement a VSAT solution.

ST Engineering iDirect developed the OpenAMIP protocol back as an industry-wide open-source standard for antenna-router integration.

## How it Works

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OpenAMIP is an IP based protocol that facilitates the exchange of information between an Antenna Controller Unit and a satellite modem. It allows the modem to command the antenna and enables the use of Automatic Beam Switching (ABS), which transfers connectivity from one satellite beam to the next as a travelling remote passes through multiple footprints. ST Engineering iDirect has since integrated the open source code into its mobility VSAT platform, and has established a formalized qualification program for satellite antenna manufacturers. The OpenAMIP protocol eliminates the need for proprietary coding to make new antennas or modems introduced into the market work together offering a wider selection of hardware to best suit their needs.

We are antenna agnostic and our platforms are designed to work with all major stabilized VSAT manufacturers products.