4.5M STEERABLE DISH

PROBLEM
Our client required the installation of a 4.5m receive only Precision Antennas motorised antenna on to the roof top of a commercial premise in East London. With a dish this size, an installation of this kind, requires a great deal of organisation, project management and one of the most important tools, a crane. Satellite Services are experienced in dealing with such scenarios as installing large satellite dishes.

SOLUTION
Satellite Services organised and project managed the installation of a 4.5m steerable satellite dish on a building in East London, by utilising a crane to lift the satellite on to the roof of the building. The signals received from the steerable dish were then fed via a Cassergrain feed with coaxial cables to the control room below.

A motorised dish is able to receive a number of signals, and in this instance, the satellite’s range was 45° east to 45° west. This allows the satellite to receive signals from roughly 20 satellites.

In the control room, Satellite Services programmed the RCA 2000 controller to receive signals from the range of satellites stated.

This satellite’s primary function is for news gathering and obtaining financial information.