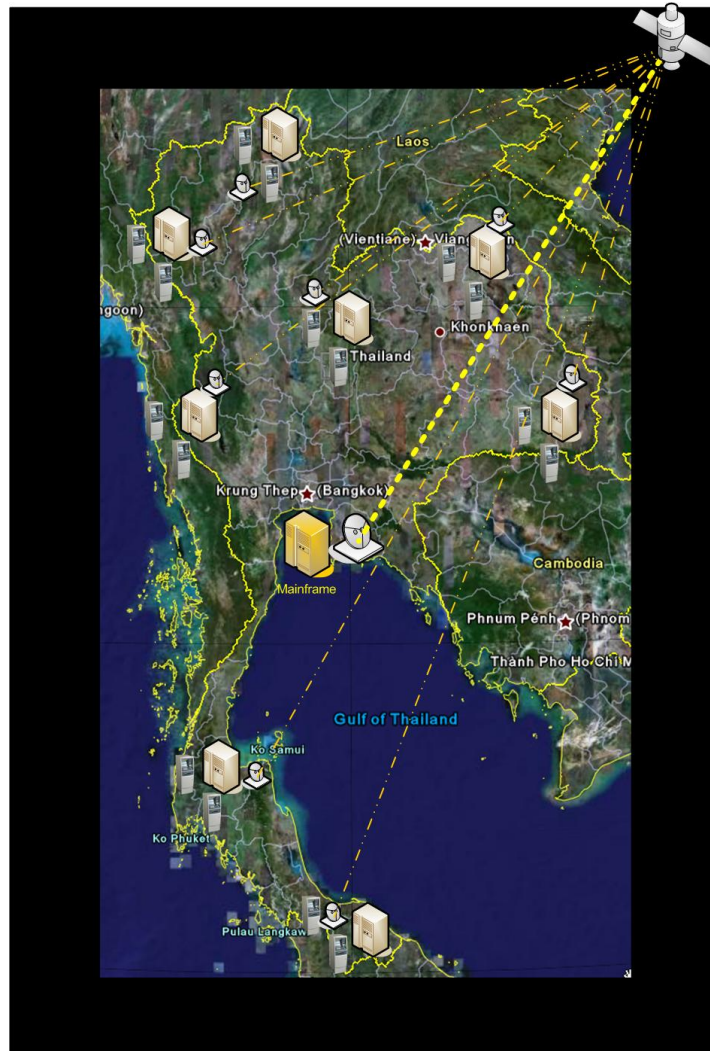




Bank of Agriculture and Agricultural Cooperatives in Thailand

In 1997 TITAN Information Systems San Diego subcontracted Advanced Relay to develop an X.25 switch to be used by The Bank of Agriculture and Agricultural Cooperatives in Thailand to connect up to 600 rural banks through Linkabit satellite modems to the central Bank of Agriculture in Bangkok.



The LayGO[®] system uses four Riscom/8s 8-line synchronous communication cards supporting a total of 32 satellite modems at speeds of 38.4 kbps and a Riscom/N2 high-speed 2-line communication cards connected to a Motorola X.25 switch at T1 line speed. Both cards are manufactured by SDL Communications (now GE Fanuc).

We modified the HDLC driver to support 4 Riscom/8s cards with a total of 32 lines, each supporting at least 38.4 kbps. We implemented the proprietary Linkabit modem protocol to establish the physical connections.

We developed the LayGO application that switches all Virtual Circuits from each of the 32 38.4 kbps X.25 connections into one 1.544 Mbps (T1) X.25 connection with multiple Virtual Circuits.

