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# Olive ATM Switch software

Olive ATM Switch is a cost-effective ATM/ POS Switch.

Olive ATM Switch is being used in India by leaders in mobile banking & POS based banking solutions as well as an inter-bank switch by a leading banking body.

Vortex has joined hands with Olive to offer a cost-effective ATM Solution to banks, with Vortex Gramateller and Lobbyteller ATMs and Olive ATM Switch. Vortex also provides front-end support for Olive ATM Switch to enable a single customer interface & support for the entire solution.

Olive ATM Switch connects Vortex ATMs to the Core Banking Software or Branch Banking Software. It communicates securely with the ATM on the one side for validating PIN as well as carrying user and admin transaction information and connects to the bank software on the other side to complete user banking transactions.

The Olive ATM Switch routes any type of credit, debit, private label, or stored value payment initiated at a transaction source (ATM) to the processing institution(s) or Payment Network. Olive ATM switch provides extremely reliable, cost effective, and open system authorization solutions integrate with your existing infrastructure and can be easily expanded or modified. Olive ATM Switch provides an interface to a core financial system and connectivity to regional, national or international payment networks.

This enables the banks that do not have a core banking solution to offer Any Branch Banking on Vortex ATMs by interconnecting the Olive ATM Switches in its various bank branches.

The primary purpose of the system is to perform transaction processing and routing decision. Functions include sending on-us transactions to a primary authorizer, switching foreign transactions to EFT networks, performing PIN validation, standing in when the primary authorizer is unavailable and performing processing decisions according to predetermined financial institution settings.

Olive ATM Switch is available in two options: Mono and Multi; The Olive ATM Switch -Mono option supports one ATM per ATM Switch and is meant for use on bank networks that connect the ATM to the TBA software. In this situation, there is normally no need for support to more than one ATM.

The Olive ATM Switch -Multi option supports more than one ATM per ATM Switch and is used on bank networks that connect the ATM to the CBS software. Here, all the ATMs on the network are connected to the single installation of Olive Switch in the central location.

## Basic Functionality

- ATM processing
- ATM - EJ Pull/ Card Management/ ATM network monitoring
- Transaction security, key management and pin encryption
- Switching of transaction data flows to the bank host (via direct or payment network)
- Online authorization support
- Web based Administration



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- Reports

**Technology Platform**

J2EE

**Operating System**

Windows XP/Vista

**Database**

MySQL

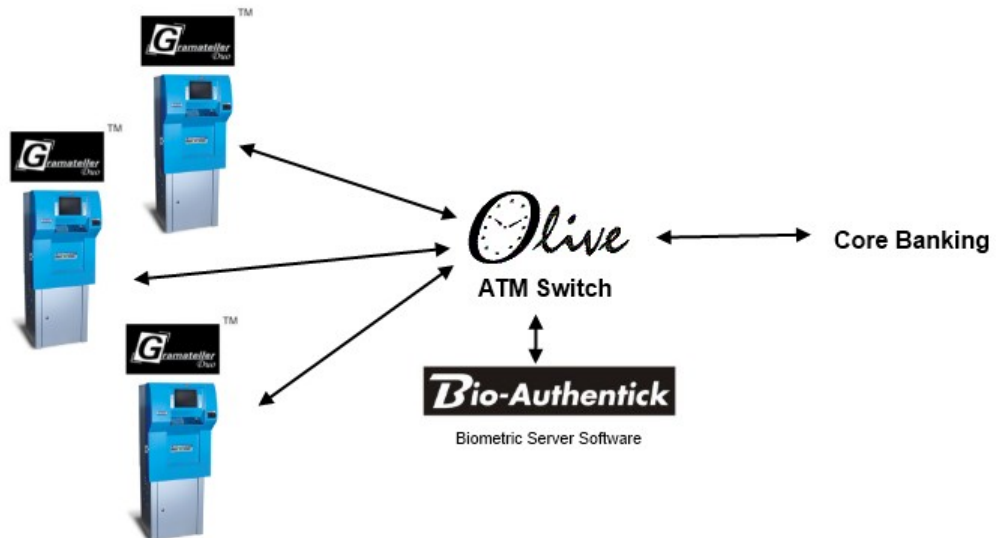
**Communication Protocols**

ISO8583

**Supported ATMs**

Vortex ATMs

**Typical Connection Diagram**



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