

ABOUT VORTEX ENGINEERING

Vortex Engineering Private Limited is an innovative and leading provider of Automated Teller Machines (ATMs) and associated services for banks. With the mission of helping banks reach out and, having pioneered ATMs for deployment even in the most difficult and challenging environments, Vortex also offers a suite of services for ATM management.

With a strong foundation built on years of R&D, a steady focus on self-service banking products for emerging markets, Vortex is now changing the face of banking with its new rugged and reliable range of ATMs.

Vortex ATMs are designed, developed and manufactured in India. Operating out of its manufacturing facilities in Chennai and Puducherry, Vortex's ISO-certified manufacturing facilities enable the company to bring out a range of top-notch products such as Ecoteller Mini, Ecoteller Front Loading ATM etc. Aably complementing this infrastructure are its service centres that deliver support with the most comprehensive tools for predictive maintenance.

Vortex ATMs are now deployed in several countries in Asia and Africa.

Endorsements



Among TIME Top 10 Start-Ups



Selected as Technology Pioneer at World Economic Forum



Investors



Aavishkaar

TATA CAPITAL

We only do what's right for you



International Finance Corporation
WORLD BANK GROUP



Helping banks reach out

Vortex Engineering Private Limited

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Ecoteller Through-the-Wall ATM

From the Pioneers of Low-Power ATMs



World's Lowest Power- consuming Through-the-Wall ATM

High ROI

- Saves up to 90% power consumption
- Compact design

Eco-Friendly

- Operates from 5°C to 45°C
- Designed to operate without AC
- Affordable Solar Option

Reliable and User-Friendly

- Designed with lesser moving parts
- Multilingual receipt printing without switch intervention



AN ISO 9001:2008 CERTIFIED COMPANY

vortexTM
Helping banks reach out



Vortex Engineering launches the New **Ecoteller Through-the-Wall ATM** - The high performance Through-the-wall cash dispenser designed specifically for outdoor environments. The rear load system meets the market requirements worldwide with its new-age environment-friendly design and innovative cash dispensing technology.

Maximum Availability

The Ecoteller Through-the-Wall ATM consumes very less power ensuring maximum availability in a wide range of environmental conditions - temperature and humidity. As its name indicates Ecoteller ATMs can be viably run by greener power sources like solar power.

With a compact footprint it is best suited for both urban and rural installations in different parts of the world. This ATM Complies with all international standards and is certified with all major switches.

The key technologies which make Ecoteller™ TTW suitable solution for automation of financial transaction includes.

DYNABUNCH™

The patented dispenser technology in Ecoteller TTW will Pick-bunch-hop & present cash resulting in quick dispense, lesser power consumption and fewer cash Jams.

LINGUAPRINT™

This unique technology helps printing receipt in customer chosen language without intervention of the switch.

DOUBLE DETACH™

With the design mechanism in Ecoteller TTW- When a double note gets picked, it doesn't just detect & purge but separates them intelligently.

LINUX POWERED:

Is more secure and efficient - protected from Virus/ upgrades, consumes less power.

TECHNICAL DATA

Card reader

- Motorized Card Reader
- Anti-skimming (optional)
- EMV Version 4.0

Finger Print reader (Optional)

Customer Interface on ATM

- 15-inch LCD with vandal-proof touch screen
- 8 FDKs
- EPP Keypad - PCI-certified
- Audio jack with speaker for voice guidance
- In-built portrait camera / optional cash slot camera
- Privacy filter

Operator Interface on ATM

- Service operating panel

Receipt Printer

- 40-column Graphic Thermal Receipt printer, with a roll paper diameter of 150mm

Journal Printer (Optional)

- 40-column Graphic Thermal printer to print audit trail as per Bank's requirement, with a roll paper diameter of 80mm

Digital Video Surveillance system (DVSS) (Optional)

- DVSS Camera with 10-metre USB Interface cable
- Secondary HDD: 1 x 500GB HDD (For video storage)
- DVSS Software

ATM Software

- Linux O/S
- Vortex Swave Terminal Application
- EMV Level 2
- Electronic Journal

Management software (Optional)

- Vortex Management Center - server application for EJ pulling / remote ATM administration / content download
- Vortex Management Agent

Network Connectivity

- Supports TCP / IP protocol
- Can connect through VSAT, LAN, Leased line, GSM

Operating temperature & Environment protection

- Temperature: 5°C to 45°C
- Humidity: 10% to 90% RH

Power

- Input : 230V AC, 50Hz
- ATM average power consumption - 70W

Weight

- 640kg (with CEN L safe)

Dimensions (with frames)

- 680mm (W) x 1748mm (H) x 1196mm (D)

TECHNICAL DATA

Installation Type

- Through The Wall, Cash Dispenser with rear replenishment
- Indoor as standard model; outdoor (IP 54) options available
- Wall thickness up to a max of 13 inches

Processor

- Intel 1.6GHz processor
- 2GB RAM
- Primary HDD: 1 x 500GB HDD

Currency Chest

- CEN L-certified safe
- Dual-combination electronic lock
- Optional OTC Lock (S&G)

Dispenser

- Friction pick technology
- Bunch presenter with a maximum capacity of 40 notes per transaction
- 2-cassette OR 4-cassette configuration
- Cassette capacity - holds 2500 pieces of fresh currency notes
- Convenience cassettes
- Secure Cassettes with lock and key or Tag (Optional)
- Purge bin with lock and key in the dispenser



Ecoteller - Through-the-Wall ATM Specification

