



Facilitates mobile recharge for **18%** of the global prepaid telecom subscribers



Deployed by **62** operators in **50** countries globally



Processes **>30 Bn** transactions annually



Powers recharge for **>1 Bn** mobile subscriptions globally



Handles recharge for **>400 Mn** subscribers in a single deployment



Supports **1.8 Mn** retailers in the largest deployment



Have achieved **>25** replacements globally

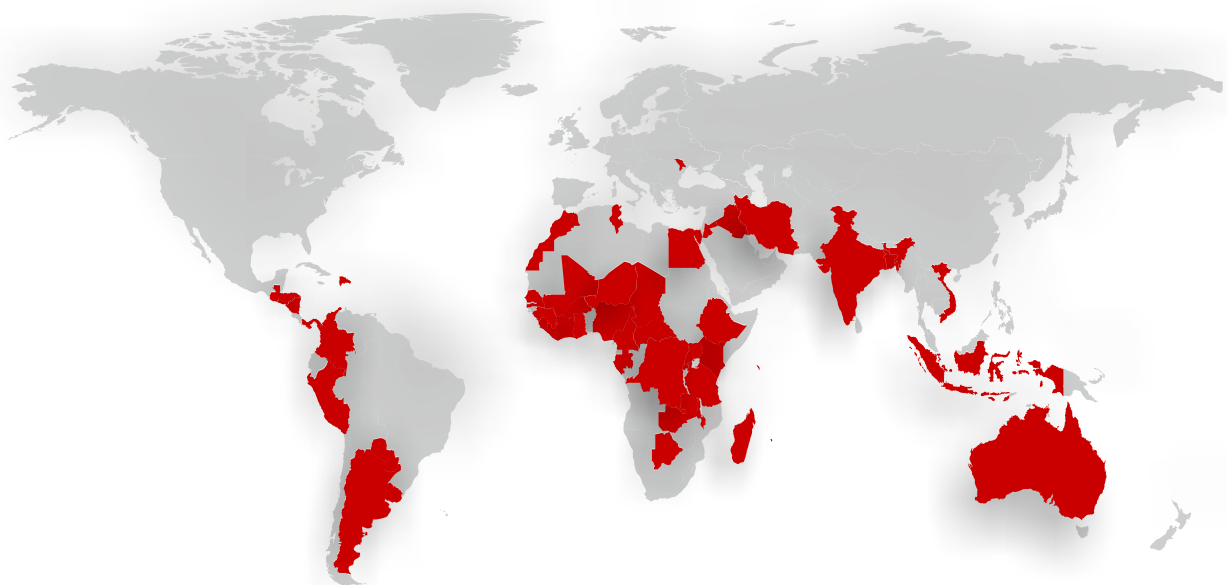


Registers an **~ 99.99%** uptime across deployments

PreTUPSTM **World's largest electronic recharge and voucher management solution**

OUR PRESENCE

Deployed with **69** telecom operators across **55** countries









In order to stay relevant to the constantly evolving base of prepaid users, telecom operators today need an evolved solution that takes prepaid beyond a payment model. **PreTUPS™** pushes the immensely popular prepaid model to its full potential by enabling telecom operators to sense, shape and control prepaid business. It is packed with everything that telecom operators expect from an evolved prepaid account management solution, helping them to achieve business goals, manage diverse prepaid customers and create value for each subscriber. Moreover, it also offers a comprehensive voucher management system (VMS) for physical and digital vouchers which efficiently provides a cloud native, SaaS based solution to manage entire life cycle of vouchers including voucher generation, distribution and consumption.

Many providers end up deploying at least 2 systems for VMS & digital recharge. **Replacing two systems with a single unified PreTUPS platform (offering both VMS & digital recharge)** helps in reducing infrastructure cost and OpEx. Another major issue is with the frequent downtime that negatively impacts business processes, consumer experience and the revenue. PreTUPS VMS offers an unmatched uptime of 100% and the e-recharge platform has recorded an uptime of 99.99%. Moreover, PreTUPS solution is highly scalable and provides sufficient to meet the future requirements of business.



OUR STRENGTHS

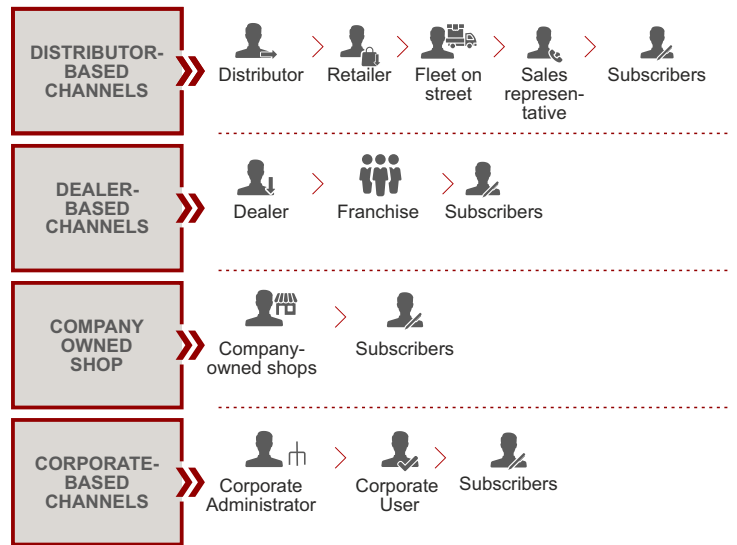
PreTUPS™ is an intelligent electronic recharge distribution platform and a proven prepaid account management solution

 <p>Improves bottom line growth by enabling efficient distribution and sales management</p>	 <p>Optimizes costs by automating voucher management</p>	 <p>Enhances user experience by providing apps for retailers</p>
 <p>Facilitates integrated experience by retailing multiple services (mobile fixed line, Internet and DTH) via a single platform</p>	 <p>Augments revenue by facilitating value-added services for customers</p>	 <p>Delivers convenience to customers by offering freedom of choice-assisted or self rec</p>

KEY SERVICES

- **Define services** which channel members can retail to customers
- **Categorize channel members** based on location/ turnover
- **Define loyalty programs** and offers to channel members
- **Define commissions** at each level of hierarchy, based on the transactions
- PreTUPS **supports an MxN level channel** distribution hierarchy
- Simple or complex, **create any number of hierarchies** and channels within your distribution network
- **Prepaid account value can be transferred** from service provider to subscribers through distribution channels

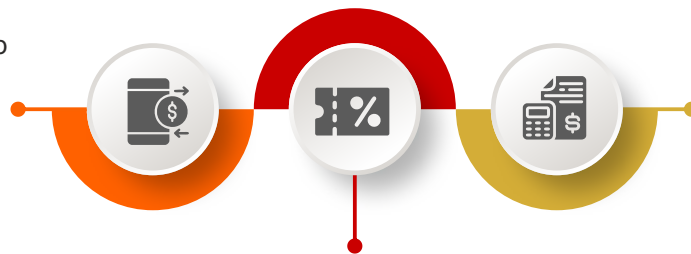
Service Provider 'A' creates distribution channels as:



PreTUPS is built to deliver value across varied business scenarios. It is designed to operate in both assisted recharge and self recharge modes. The assisted recharge mode is crafted to work across electronic and physical vouchers and the self recharge mode facilitates the use of web and mobile platforms.

ELECTRONIC TOP UP

- **Flexibility** to top-up with any amount
- **Management** of retailer loyalty
- **Complete** channel management
- **Online sales** and usage statistics



- **Automatic** or schedule top-up
- **Gift** recharge
- **ATM** recharge
- **Electronic** vouchers
- **Bill** payments
- **Social** media recharge
- **Carrier** billing
- **Online** sales and usage statistics

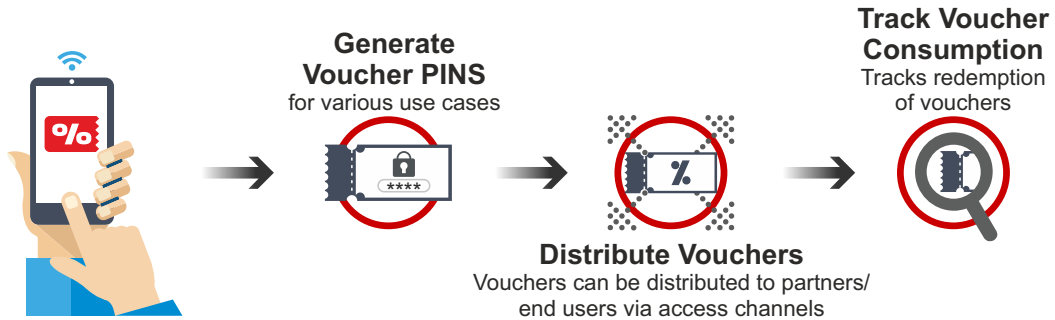
- **SOS** Credit
- **P2P** transfer
- **Top-Me-Up**
- **VAS** retailing
- **Private** recharge
- **Web** recharge

Comviva's PreTUPSTM VMS is most comprehensive voucher management system with Physical and digital voucher. PreTUPS™ VMS enables operators to manage & track end to end life cycle of vouchers starting from product management, voucher generation, distribution and consumption.

PreTUPS™ is an intelligent electronic **recharge distribution platform** and a proven **prepaid account management solution**



HOW DOES IT WORK?



VOUCHER MANAGEMENT SYSTEM

The VMS has several advantages for service providers and channel users.

DISTRIBUTION NETWORK MANAGEMENT

- ① Channel User Management
- ② Voucher Type
- ③ Network Management

SECURITY MANAGEMENT

- ④ Encryption/Decryption
- ⑤ Security-PGP, AES, OAUTH 2.0, NONCE, Signature
- ⑥ Token Server- Oauth2



CORE ENGINE

- ⑦ Voucher generation
- ⑧ Voucher Life Cycle Management
- ⑨ Voucher Denomination
- ⑩ Voucher Profile
- ⑪ Voucher upload

REPORTING

- ⑫ Voucher(s) enquiry
- ⑬ N Level Vouchers Tracking
- ⑭ Vouchers consumption
- ⑮ Vouchers Availability

OUR SUCCESS STORY



AWARDS AND RECOGNITIONS

2020

- GSMA GLOMO Award
- The RemTECH Award
- East Africa Com Award
- Emerging Payments Awards
- Telecoms World Awards
- Digital Impact Awards Africa
- Juniper Research Future Digital Awards
- Global Telecoms Awards
- Banking Technology Award
- Africom Awards
- CommsMEA Awards (Highly Commended)
- Drivers of Digital Awards

2021

- Global Award
- Payments Awards
- Telecoms World Award
- Aite Group's Digital Wallet innovation Award
- PayTech Award
- Asia Communication Award
- The RemTech Award
- The Decade Award
- New Age Banking Award
- CX Asia Excellence Award
- Digital Impact Award Africa
- Payments & Cards Award
- ETBFSI.com Excellence Award
- Banking Tech Award
- Inn Tech Award

About Comviva

Comviva simplifies business complexity. Our innovative portfolio of digital solutions and platforms brings greater choice, faster time to market and flexibility, to better meet the evolving needs of our customers as they drive growth, transform, and bring efficiency. From maximizing customer lifetime value to enabling large-scale digital transformation, we partner globally with organizations in the communications and financial industry to solve problems fast and transform for tomorrow. Comviva solutions have been deployed by over 130 Communication Services Providers and Financial Institutions in more than 90 countries and have delivered the benefits of digital and mobility to billions of people around the world. Comviva is a completely owned subsidiary of Tech Mahindra and a part of the Mahindra Group.

For more information, visit us at www.comviva.com

