



## **Real-time Payment on UPI rails for large Private Bank**

### **Customer Business Objective**

One of the largest tech-savvy private banks in India with an asset size of USD 225+ billion and customer base of 50 million, in line with the country's financial regulator directive, the bank had to implement a highly scalable and robust RTP system (Unified Payments Interface- UPI) to provide P2P & P2M real-time payment service to its individual /corporate customer base.

The scope involved implementing a state of art scalable and robust Real-time payments (RTP) system, meeting not only the current needs but also agile to the future business changes and process millions of transactions daily. The bank, being one of the largest merchant acquiring banks in the country, needed the UPI solution to support processing P2M payments as well.



### Addressing the objective

Mindgate RTP, Java based solution was deployed at the bank's data center on an RHEL platform that uses a WebLogic application server and Oracle database. The system is integrated to two digital delivery channels and Ten+ third-party PSPs.

Since the rollout of the system, the bank has witnessed an exponential growth of over 100% traffic YoY. To meet the transaction surge and high-frequency business / regulatory changes to the RTP system, the bank and Mindgate is upgrading the RTP platform to a containerized architecture with microservices to increase the scalability and manageability of the business platform.

### Value of our Partnership

Mindgate RTP solution process upwards of 55 million transactions daily across the various banking channels, merchants (five million) and third Party PSPs. The bank also has perfected the use of UPI payment processing framework for IPO issuance by online interface with the two stock markets and Pre-Paid Voucher issuance piloted for the Covid-19 vaccination program.

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