

Building the future of banking services

BIAN GLOBAL SUMMIT Payments – Working group session

Dec 2021

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Agenda

- ❖ Introduction
- ❖ Payments WG – 2021 Updates
 - Request for Pay
 - Buy Now Pay Later (BNPL)
- ❖ Payments WG – Roadmap 2022

Sridhar Narayanan



Title

CTO & IBM Distinguished Engineer

Company

International Business Machine (IBM)

Expertise

Payments Market Infrastructures, Banking, Financial Markets

Profile

Mr. Sridhar (Sri) Narayanan is an IBM Distinguished Engineer and CTO for IBM Payments Center. Sri leads payments modernization and transformation at payments market infrastructures, banking, financial market clients leveraging technology to drive innovation, business growth and competitive advantage for these clients. He holds a Masters Degree in Computer Science from Concordia University and Masters Degree in Mathematics from McGill University. Sri is a Member, IBM Academy of Technology, and The Open Group Certified Distinguished Chief/Lead Architect

Deepak Raghaven



Title

Consultant

Company

Banking Industry Architecture Network e. V.,

Expertise










Banking: Payments and Cash Management

Profile

I am a Independent Consultant for BIAN e.V. I am a banker turned IT professional with 17+ years of experience in Banking, Payments and Cash Management solution. I have successfully implemented solutions in Payments, Cash / Liquidity Management for Global clients like RBC, Celero, ABN Amro bank, Deutsche Bank, HSBC, Intesa Sanpaolo, Noor bank, Equity Bank, GE Money, Bank of America, Thai Military Bank, Axis Bank, KVB and Surat Smart City (Multi utility card).

Request for Payment

- Elaboration completed for Request for Payment scenarios
- Identified and Modelled new service domains
 - Payment Rail Interface
 - Transformation of scheme specific message models
 - Administrative activities (configure and monitor)
 - Scheme specific exposure limits / settlement risk decision making (funding / defunding / queuing / bilateral limit check / utilization management)
 - Exception management
 - Payment Instruction
 - Orchestrate Outbound / Inbound Payments
 - Payment Scheme specific validations
 - Payment type / transaction specific pre-checks

#	Scenario's Request for Payment	Status
1	Creditor FI: Handle Outgoing Request for Payment Message	
2	Debtor FI: Handle Request for Payment message – Mandate/ Pre-auth doesn't exist	
3	Debtor FI: Handle Request for Payment message – Mandate/ Pre-auth exists	
4	Debtor FI: Debtor Accepts RFP request & Initiates Credit transfer	
5	Debtor FI: Debtor Declines RFP request	
6	Credit FI: Successfully receive Incoming Credit transfer towards Outgoing Request for Payment	
7	Cancelling an RFP	
8	Updating an existing RFP	
9	Partial payment of RFP	

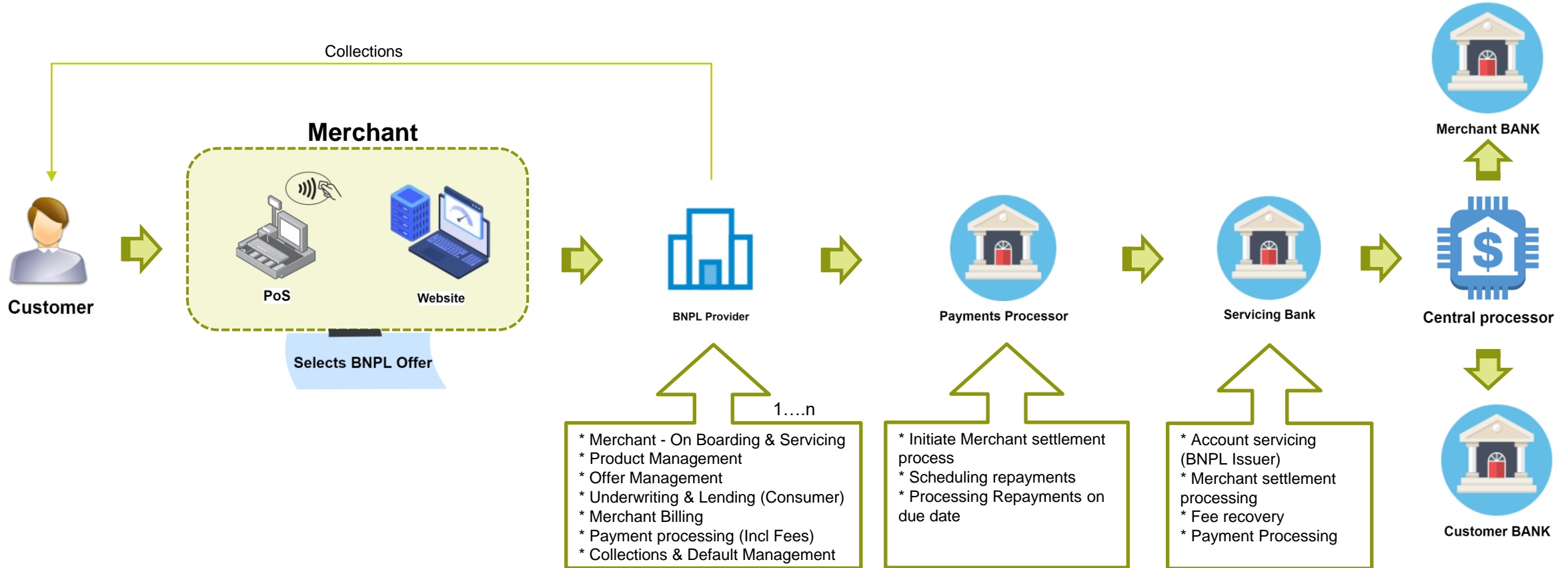
Purchase

Buy Now Pay Later Servicing

Payment Processing

Settlement Processing

BNPL - End to End Business Model



Personas

- Business
- Consumer

- E-commerce
- Brand Outlets
- Marketplace

- Card Scheme
- Merchant
- Bank
- FinTech
- Payment Gateway / Processor

- Card Scheme
- Bank
- Payments Gateway/Processor
- FinTech

- Central Bank
- Private / Public Banks
- Credit unions
- Payments Bank
- ...

Payments WG Backlog

#	Feature	Planned Roadmap
1	Request for Payment (Request to Pay)	Q1 22
2	Buy Now Pay Later	Q1 22
3	Tokenised Payments (Stable coins/ Crypto / CBDC)	Q2 22
4	Wallet based Payments	Q2 22
5	Cross Border Payment (Instant & ACH)	Q2 22
6	Cross Border Payment (FI to FI)	Q2 22
7	Remittance	Q2 22
8	Payment Alias Management	Backlog
9	Settlement processing	Backlog
10	Cash Withdrawal	Backlog
11	Cheque Processing	Backlog
12	Cash Deposit	Backlog
13	Investigation & Payment History services	Backlog