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| **FPX Payment** |
| Technical Specification Document |

**(PENRIL/AGRO-TSD/FPXPAYMENT/01)**

**Version 1.0**

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**Section A:** **FPX Payment Architecture Overview**

## Architecture

### **AGRONetBIX FPX [FSD: 2.2, 2.3.1, 2.4]**

Below diagram shows that AGRONetBIZ user is redirect to AGRONetBIZ FPX portal from the PayNet FPX website to make the payment to Merchat via FPX



### **AGRONetBIZ [FSD: 2.3.2]**

Below diagram shows that AGRONetBIZ user login to AGRONetBIZ portal to approve the pending FPX payment transaction



## Network Infrastructure Architecture

### **AGRONetBIZ FPX**



### **AGRONetBIZ**



## Deployment Topology

### **AGRONetBIZ FPX**



### **AGRONetBIZ**



## Network Connection Point

### **AGRONetBIZ FPX**

|  |  |  |
| --- | --- | --- |
| **From Server** | **To Server** | **Port** |
| **Web Server 1**  **Domain: VPIBKW01**  **IP: 172.16.50.21** | App Server 1  Domain: VPIBKA01  IP: 172.16.51.23 | 9445 (BIB2) |
| **Web Server 1**  **Domain: VPIBKW01**  **IP: 172.16.50.21** | App Server 2  Domain: VPIBKA02  IP: 172.16.51.24 | 9445 (BIB2) |
| **Web Server 2**  **Domain: VPIBKW02**  **IP: 172.16.50.22** | App Server 1  Domain: VPIBKA01  IP: 172.16.51.23 | 9445 (BIB2) |
| **Web Server 2**  **Domain: VPIBKW02**  **IP: 172.16.50.22** | App Server 2  Domain: VPIBKA02  IP: 172.16.51.24 | 9445 (BIB2) |

### **AGRONetBIZ**

|  |  |  |
| --- | --- | --- |
| **From Server** | **To Server** | **Port** |
| **Web Server 1**  **Domain: VPIBKW01**  **IP: 172.16.50.21** | App Server 1  Domain: VPIBKA01  IP: 172.16.51.23 | 9444 (BIB1),  9445 (BIB2) |
| **Web Server 1**  **Domain: VPIBKW01**  **IP: 172.16.50.21** | App Server 2  Domain: VPIBKA02  IP: 172.16.51.24 | 9444 (BIB1),  9445 (BIB2) |
| **Web Server 2**  **Domain: VPIBKW02**  **IP: 172.16.50.22** | App Server 1  Domain: VPIBKA01  IP: 172.16.51.23 | 9444 (BIB1),  9445 (BIB2) |
| **Web Server 2**  **Domain: VPIBKW02**  **IP: 172.16.50.22** | App Server 2  Domain: VPIBKA02  IP: 172.16.51.24 | 9444 (BIB1),  9445 (BIB2) |

**Section B: FPX Payment Process Flow**

# **B2B1 - Initiator**

## Successful FPX Payment Process Flow [FSD: 2.3]



## Unsuccessful FPX Payment Process Flow

### **Login Screen[FSD: 2.3.1.2]**

#### **Invalid User alias [FSD: 2.3.1.2 - Step 2]**



#### **Invalid User Credential [FSD: 2.3.1.2 - Step 2]**



#### **MSIC is not allowed [FSD: 2.3.1.2 - Step 1]**



### **Confirm Screen[FSD: 2.3.1.3, 2.3.1.4]**



# **B2B1 - Approver**

## Successful FPX Payment Process Flow - Approve [FSD: 2.3.2]



## Successful FPX Payment Process Flow - Reject [FSD: 2.3.2]



# **B2B1 - Single user**

## Successful FPX Payment Process Flow [FSD: 2.4]



## Unsuccessful FPX Payment Process Flow

### **Login Screen [FSD: 2.4.1.2]**

#### **Invalid User alias [FSD: 2.4.1.2 - Step 2]**



#### **Invalid User Credential [FSD: 2.4.1.2 - Step 2]**



#### **MSIC is not allowed [FSD: 2.4.1.2 - Step 1]**



### **Security Token page [FSD: 2.4.1.2]**



### **Confirm Screen[FSD: 2.4.1.3, 2.4.1.4]**



# **B2B1 - Viewer, Approver, Corporate Admin login to AGRONetBIX FPX**

## Successful FPX Payment Process Flow - Viewer [FSD: 2.2]



## Successful FPX Payment Process Flow - Approver [FSD: 2.2]



## Successful FPX Payment Process Flow - Corporate Admin [FSD: 2.2]



# **Traceability Matrix**

**Version Control:**

|  |  |  |  |
| --- | --- | --- | --- |
| No | FSD Version | TSD Version | Date |
| 1 | 1.5 | 1.0 | 17/04/2020 |
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|  |  |  |  |

**FSD vs TSD**

|  |  |  |
| --- | --- | --- |
| **No** | **FSD ID** | **TSD ID** |
|  | 2.3 | Section A: 1.2, Section B: 1.1 |
|  | 2.3.1.2 | Section B: 1.2.1, 1.2.1.1, 1.2.1.2, 1.2.1.3 |
|  | 2.3.1.3 | Section B: 1.2.2 |
|  | 2.3.1.4 | Section B: 1.2.2 |
|  | 2.3.2 | Section A: 1.1, Section B: 2.1, 2.2 |
|  | 2.4 | Section A: 1.2, Section B: 3.1 |
|  | 2.4.1.2 | Section B: 3.2.1, 3.2.1.1, 3.2.1.2, 3.2.1.3, 3.2.2 |
|  | 2.4.1.3 | Section B: 3.2.3 |
|  | 2.4.1.4 | Section B: 3.2.3 |
|  | 2.2 | Section A: 1.2, Section B: 4.1, 4.2, 4.3 |