

Syrian Electronic Payment Co.

Joint-Stock Company, Nominal Capital SYP 1 billion

Registered under CR#17581

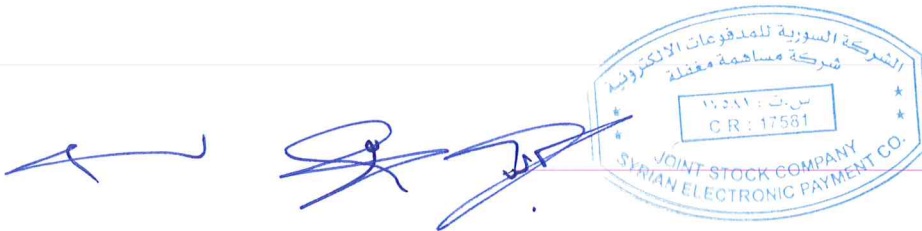
الشركة السورية للمدفوعات الإلكترونية

شركة مساهمة مغفلة رأسمالها الاسمي: مليار ليرة سورية
تملك الدولة ممثلة بالخرزينة العامة أسهمها كافة
مسجلة في السجل التجاري تحت الرقم 17581

الملحق رقم /2/

منظومة الشركة السورية للمدفوعات الإلكترونية

الدليل الاسترشادي للربط الشبكي مع منظومة الشركة



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SEP EBPP GATEWAY

An Integrated National Electronic Bill Presentment and Payment (EBPP) Gateway in Syria

Biller Connectivity Guide

Version: 1.2

Date: 13/09/2020



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1. High-Level Design of the SEP EBPP Gateway Architecture

The following schema gives a high-level description of the target architecture for EBPP Gateway:

Gateway:

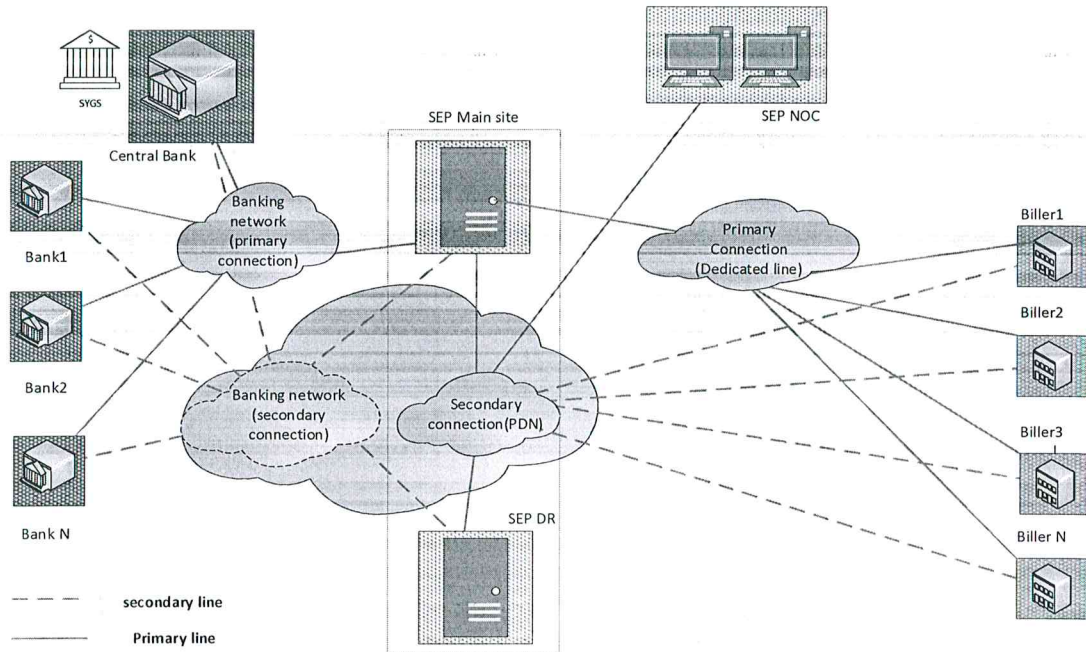


Figure 1 - High Level Design of SEP EBPP Architecture

The below notes shall be taken in consideration:

- Banks and Billers should connect to SEP EBPP Gateway through primary and secondary links.
- Banks and Billers should access SEP EBPP Gateway through front-end layer.
- Banks and Billers must provide two working environments as follows:
  - Testing environment in order to perform the following activities:
    - Conduct testing during the implementation of connectivity with EBPP gateway.
    - Features, updates and bug fixes to be tested and evaluated before its implementation on the Production environment.
  - Production environment for daily operation.
- Banks and billers are solely responsible for their communication lines including equipment, as well as all related configurations.
- Banks and Billers must ensure the reliability of the connection with SEP for all EBPP processes.



2. Biller Communication Requirements

The required communication lines and bandwidth for billers are as follows:

Required Bandwidth (Minimum)	Recommended Bandwidth	Communication Medium	
		Primary	Secondary
2 Mbps	4 Mbps and above*.	Dedicated line (example, Ethernet, Fiber, leased line).	PDN

* Recommended bandwidth depends on the workload of the interface from the biller side, biller may increase the bandwidth based on the performance of the connection with SEP EBPP gateway.

