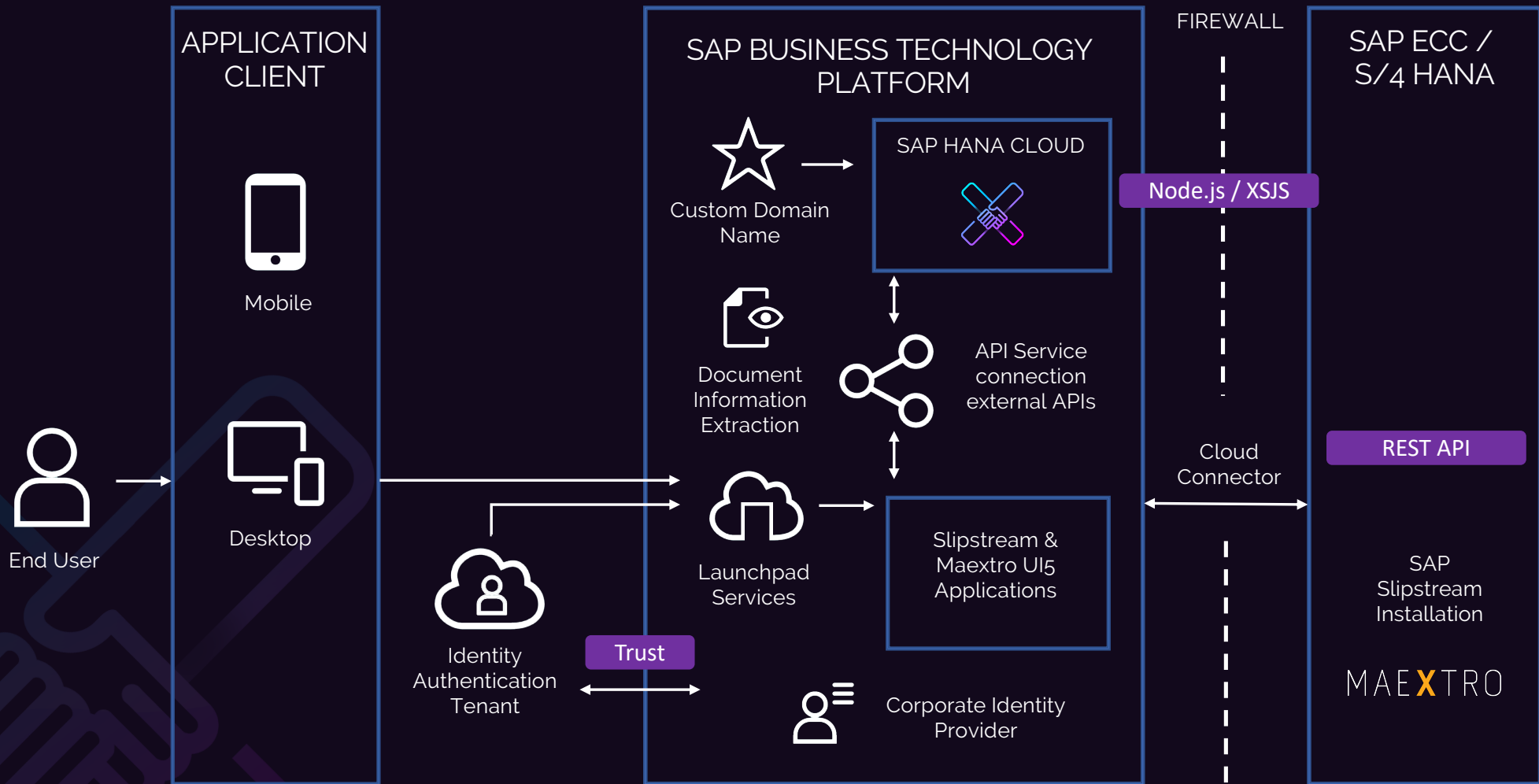




BPX – BUSINESS PARTNER EXPERIENCE
TECHNICAL DOCUMENT

June 2021

ARCHITECTURE



SAP BUSINESS TECHNOLOGY PLATFORM SERVICES USED

Cloud Service	Metric	Description
HANA Cloud	1209 units	Database in cloud to store vendor onboarding details
SAP Business Technology Platform -Cloud Foundry Run Time	5 GB	Enables development and deployment of apps
SAP BTP - Identity Authentication tenant	1 tenant	User management tenant
SAP Business Technology Platform - Bandwidth	10 GB	Bandwidth
SAP Launch Pad Service	50 users	For the internal / Babcock users
Custom Domain	1 domain	To host the application for the vendors to access

LIST OF APIs USED

External APIS	Country Supported	Description
Postcode API	UK	Checks if the postcode is valid
IBAN Checker	72 IBAN countries	Validates & populates the banking details of the vendor based on IBAN number
VAT	(UK & EU)	Validates the VAT number entered
Companieshouse	UK	Populates the address details of the organisation based on the company registration number
Address Finder	UK	Populates the address details based on the postcode entered

SECURITY & ADMIN

- SAP BTP is provisioned and hosted on a highly secured and certified environment
- SAP follows a set of specific global standards for operating the SAP business technology platform
- Only Email IDs that are registered part of create request will have access to the vendor portal URLs
- Once registered, buyer (who has SAML authentication) needs to approve it for further access to the vendor on-boarding process
- All the personal information entered while on-boarding are stored into customer's private HANA DB after encryption
- Confidential data stored in HANA DB are all encrypted/decrypted
- Once registered, there will be an email/mobile based 2-factor authentication
- JWT token-based cookie management for authentication/authorization data confidentiality