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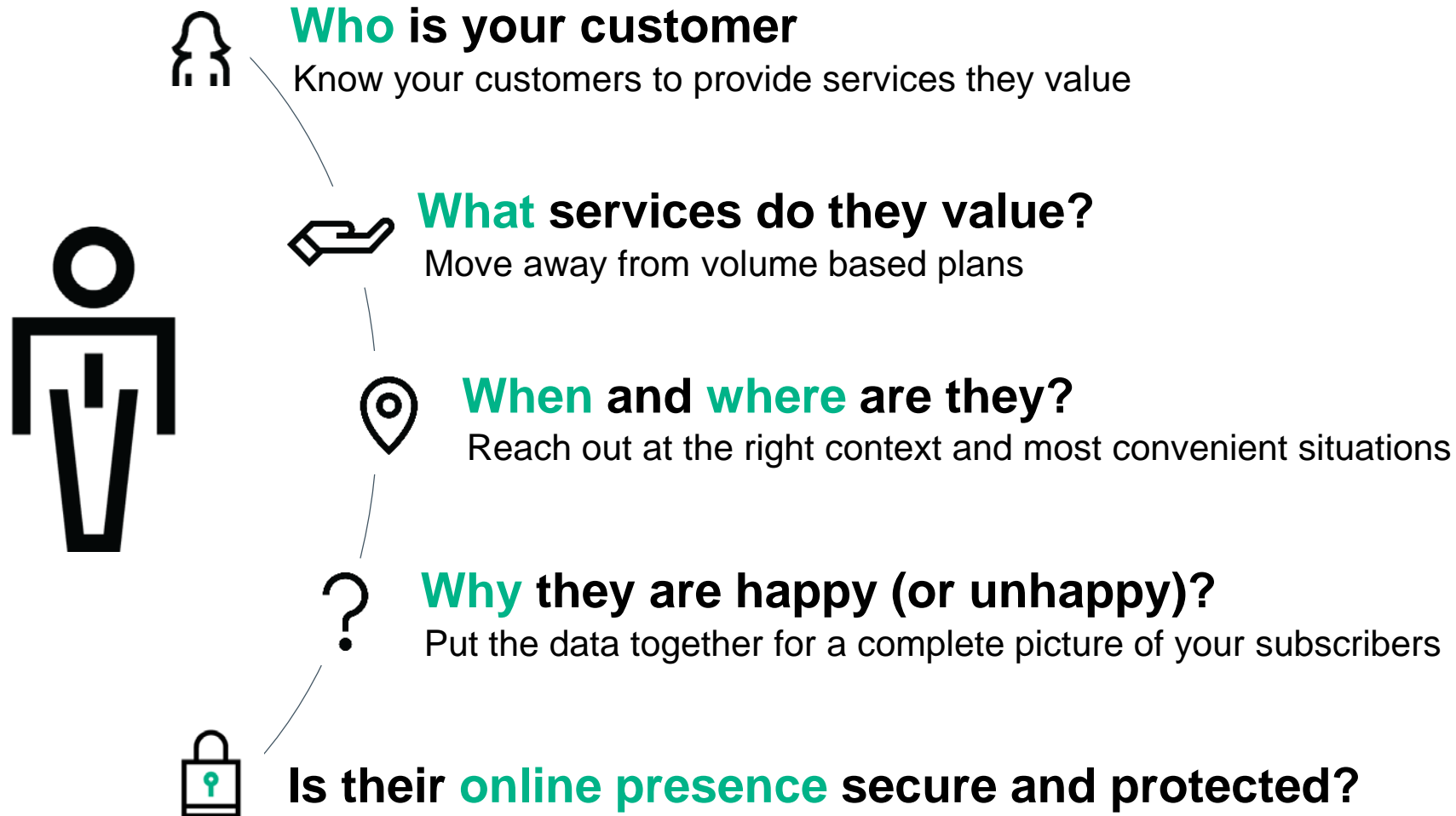
Mobile Connect Accelerator

An HPE Digital Persona solution
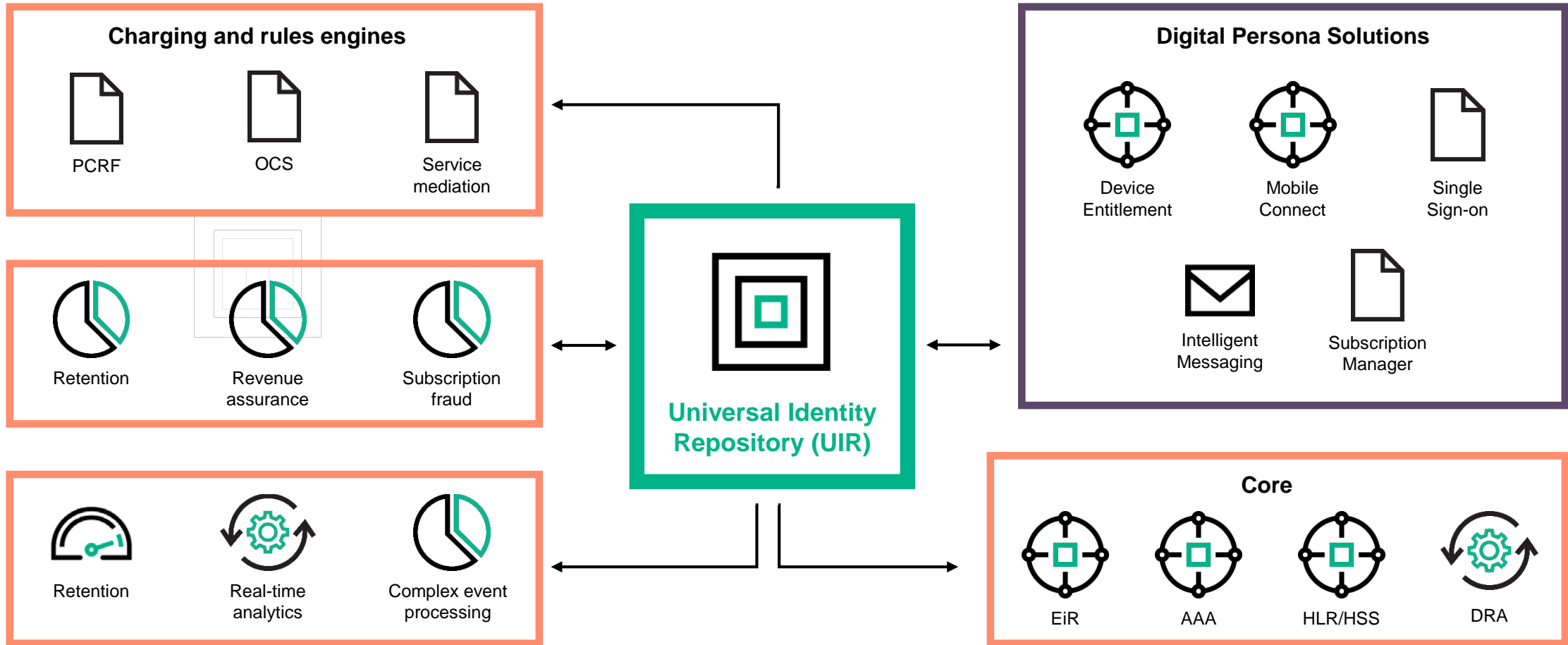
Building a modern client relationship
With customers Digital Persona

Who is your customer
Know your customers to provide services they value

What services do they value?
Move away from volume based plans

When and **where** are they?
Reach out at the right context and most convenient situations

Why they are happy (or unhappy)?
Put the data together for a complete picture of your subscribers

Is their **online presence** secure and protected?

HPE Digital Persona

Securing and enabling a user friendly, flexible digital presence

Charging and rules engines

PCRF

OCS

Service mediation

Retention

Revenue assurance

Subscription fraud

Retention

Real-time analytics

Complex event processing

Universal Identity Repository (UIR)

Digital Persona Solutions

Device Entitlement

Mobile Connect

Single Sign-on

Intelligent Messaging

Subscription Manager

Core

EiR

AAA

HLR/HSS

DRA

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HPE Mobile Connect
Enabling operator-based authentication and identity federation

Multiple disparate accounts

Unverified identity

Identity theft

SSO

Microsoft

Basic profile

Service providers

Data breach

Client apps

Strong SSO

SIM-based authorization

HPE Identity Gateway

Personal profiles & critical data

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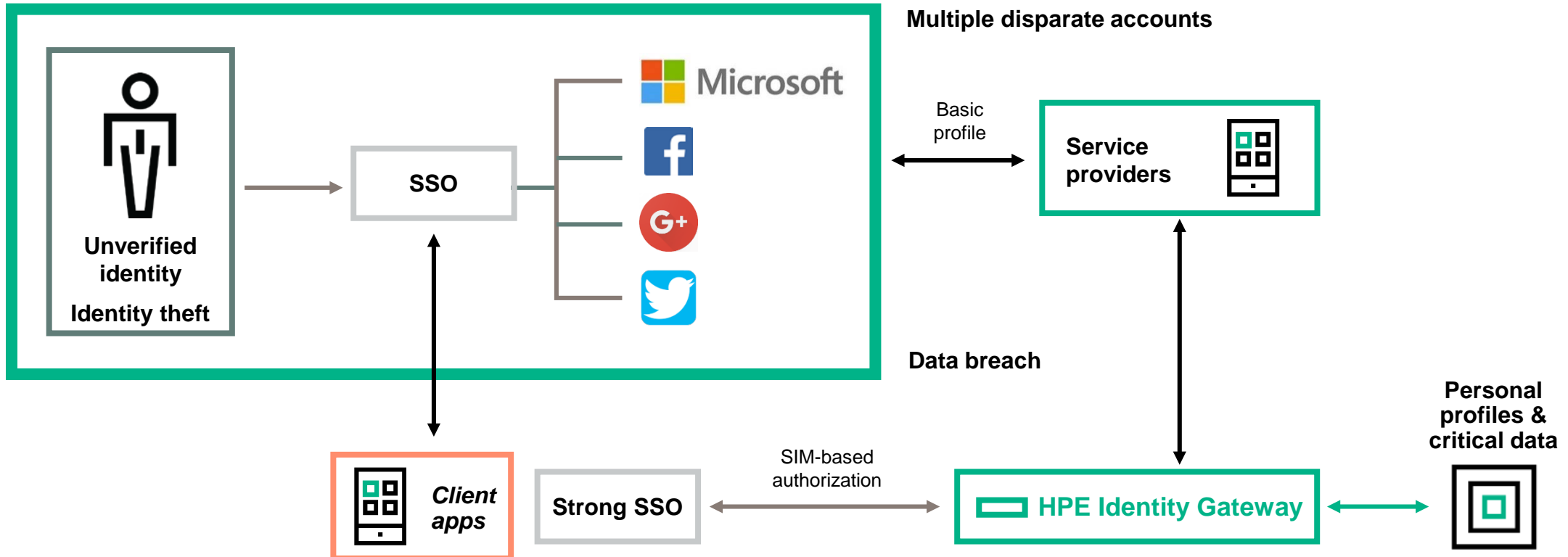
HPE Mobile Connect Solution
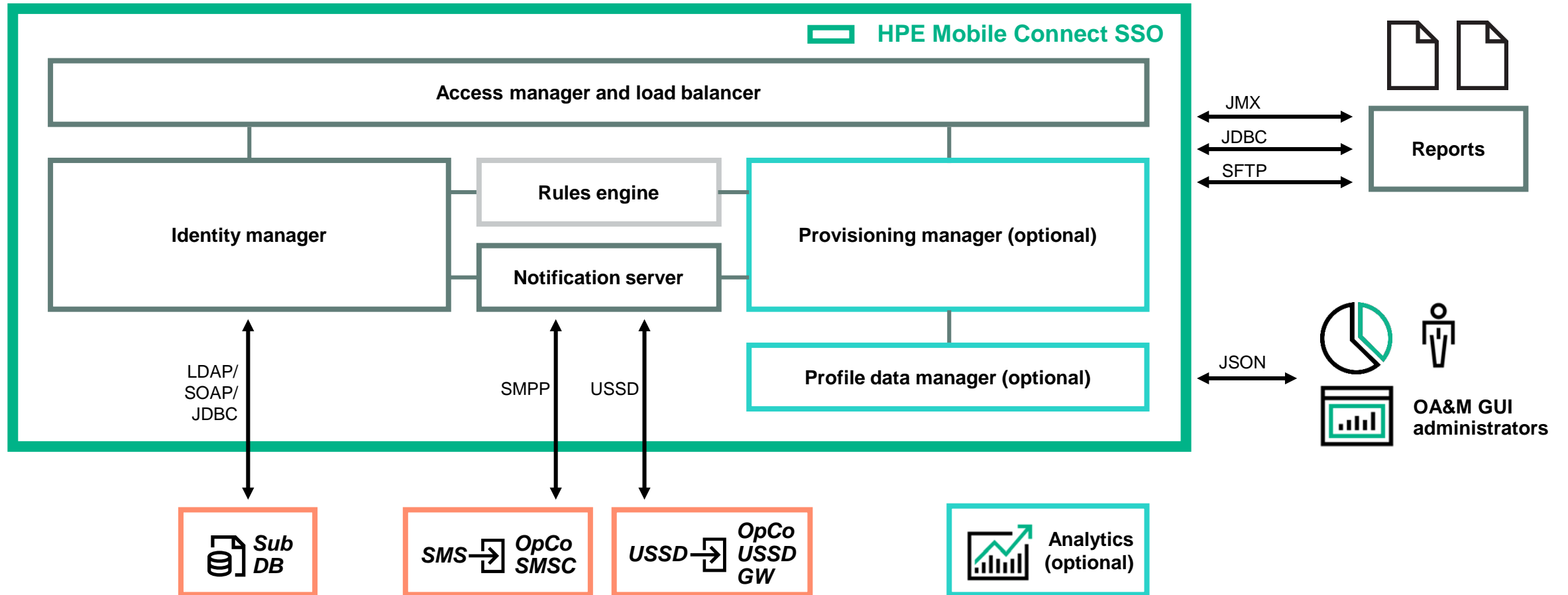
Brings Operators and Mobile Phones to the forefront of the
Authentication Procedure for Service Providers

Mobile Connect enabled apps

1. Service access

Service providers

2. Operator selection

Discovery provider

mobile connect

API exchange

3. OpenID Connect

Users with SIM-based devices

4. Seamless authentication, SMS, USSD Smartphone app

Operator service network

HPE Identity Gateway
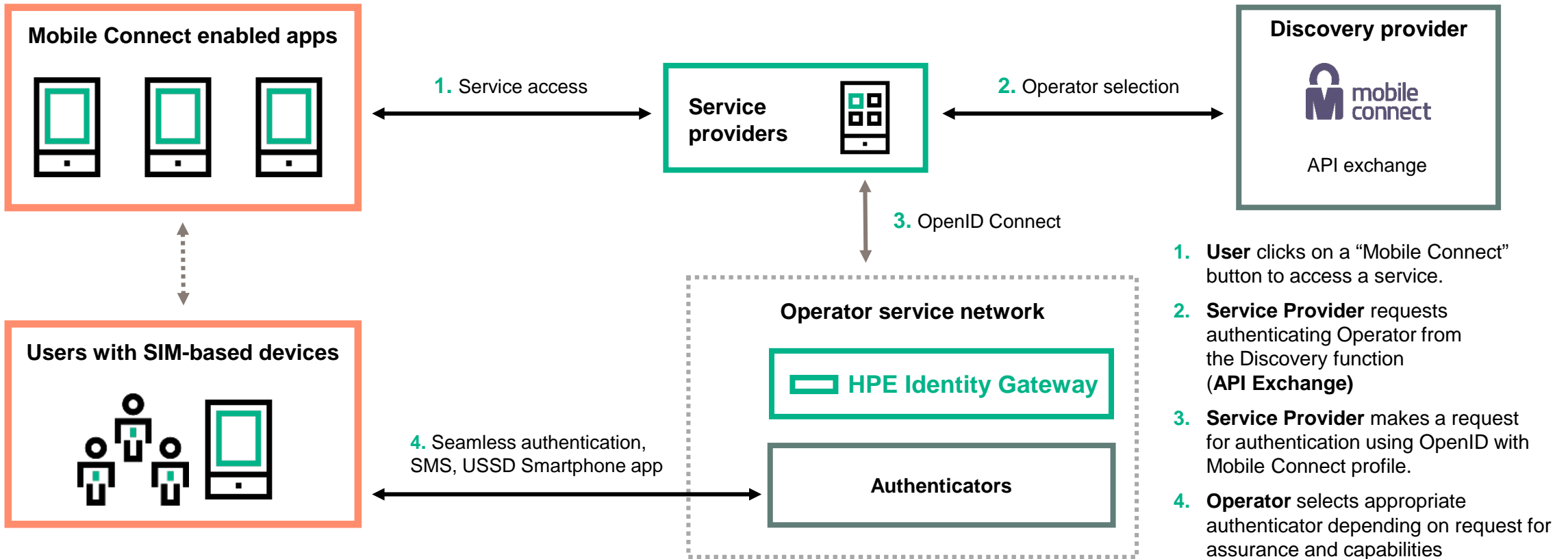
Authenticators

1. **User** clicks on a "Mobile Connect" button to access a service.

2. **Service Provider** requests authenticating Operator from the Discovery function (**API Exchange**)

3. **Service Provider** makes a request for authentication using OpenID with Mobile Connect profile.

4. **Operator** selects appropriate authenticator depending on request for assurance and capabilities
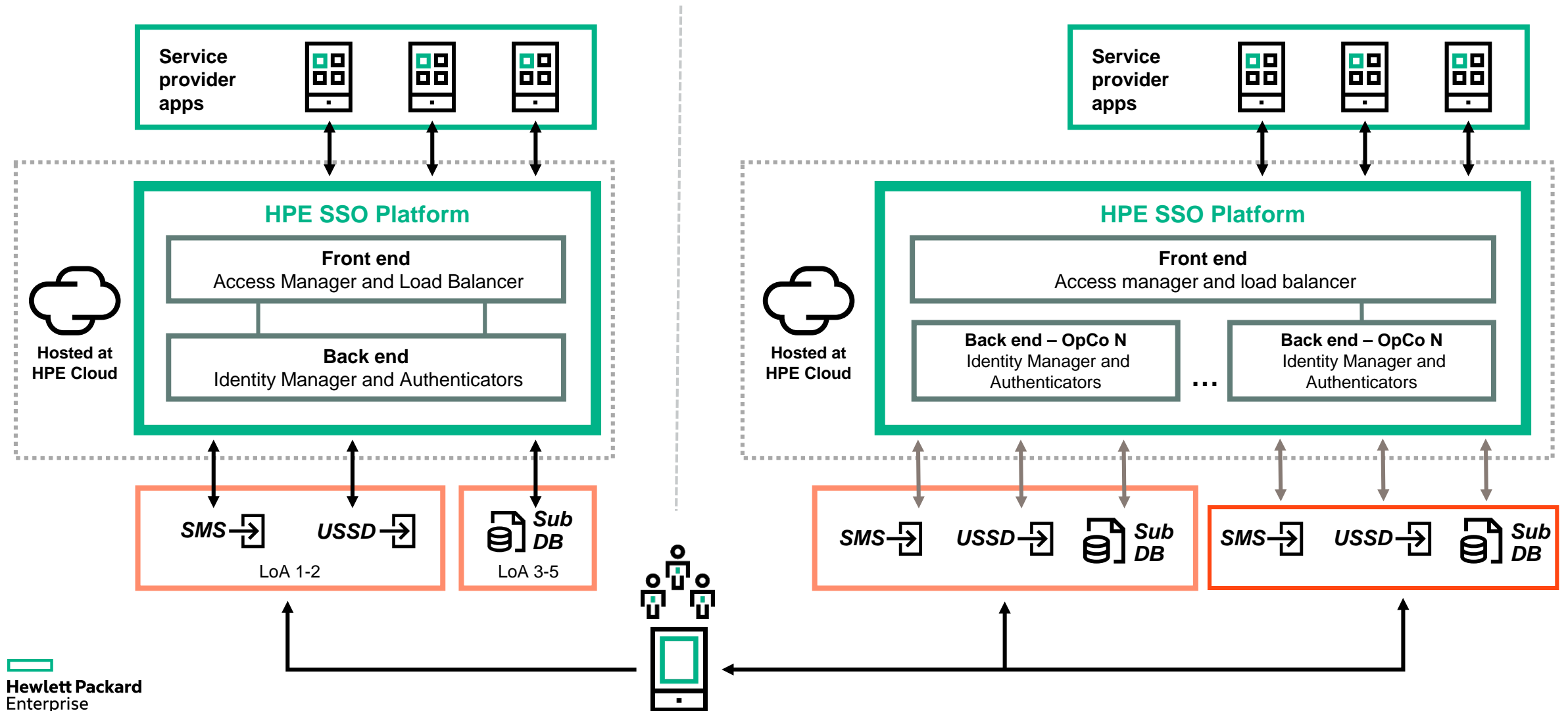
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HPE Mobile Connect Solution Components

On Premises solution

HPE Mobile Connect Solution Architecture

MCX Compliant Hosted Solution Options

Service provider apps

Service provider apps

HPE SSO Platform

Front end
Access Manager and Load Balancer

Back end
Identity Manager and Authenticators

Hosted at
HPE Cloud

SMS → USSD →

LoA 1-2

Sub DB

LoA 3-5

HPE SSO Platform

Front end
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Back end – OpCo N
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...

Back end – OpCo N
Identity Manager and Authenticators

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SMS → USSD → Sub DB

SMS → USSD → Sub DB

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Thank you

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