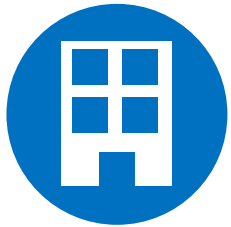


# APIs in securities services

Jonathan Ehrenfeld, SWIFT



**Consumer**



**Provider**

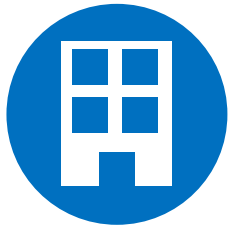


**Consumers**



**Providers**





**Consumer**

**Security Components**

**Identity Management**

**Authentication**

**Encryption**

**Threat & Vulnerability**

**Data Model**

**Data Architecture**

**New services**

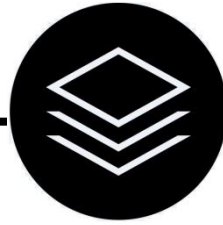
**Client Experience**



**Provider**



**Consumers**



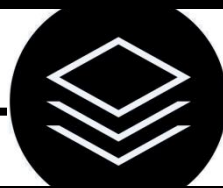
**Providers**



**Single identification**

**Normalized security elements**

**Standardised API contracts**



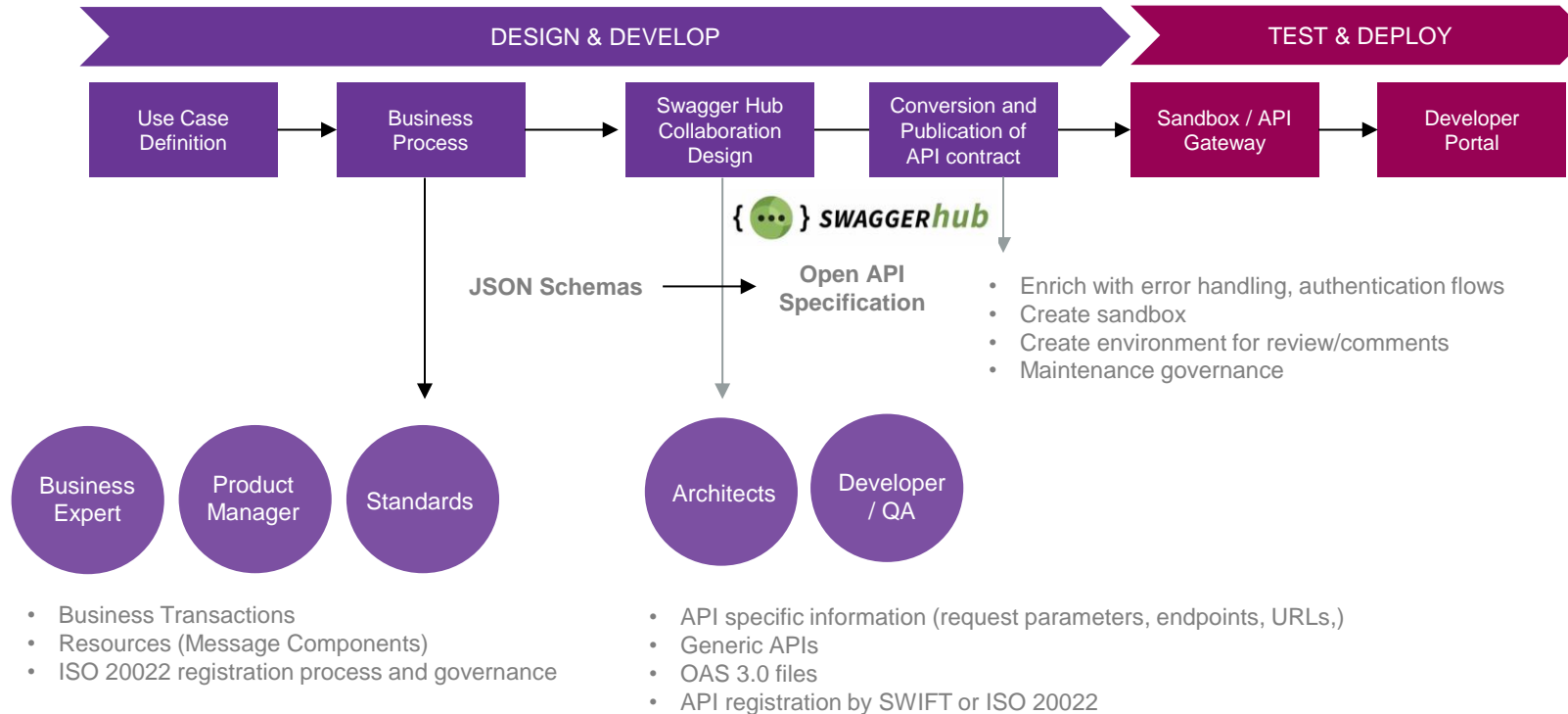
**Reach of trusted counterparties**

**Central value added services**

**Neutral view on data**

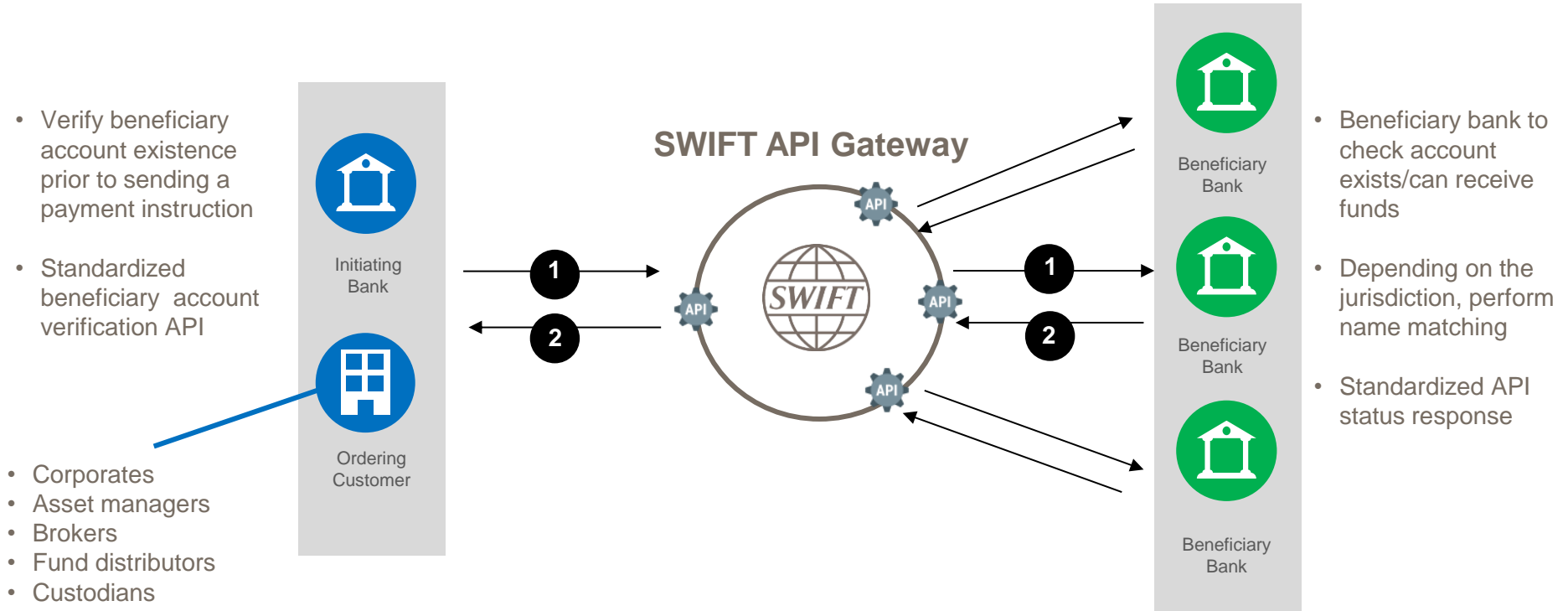
**Re-use of footprint**

# SWIFTs API definition process

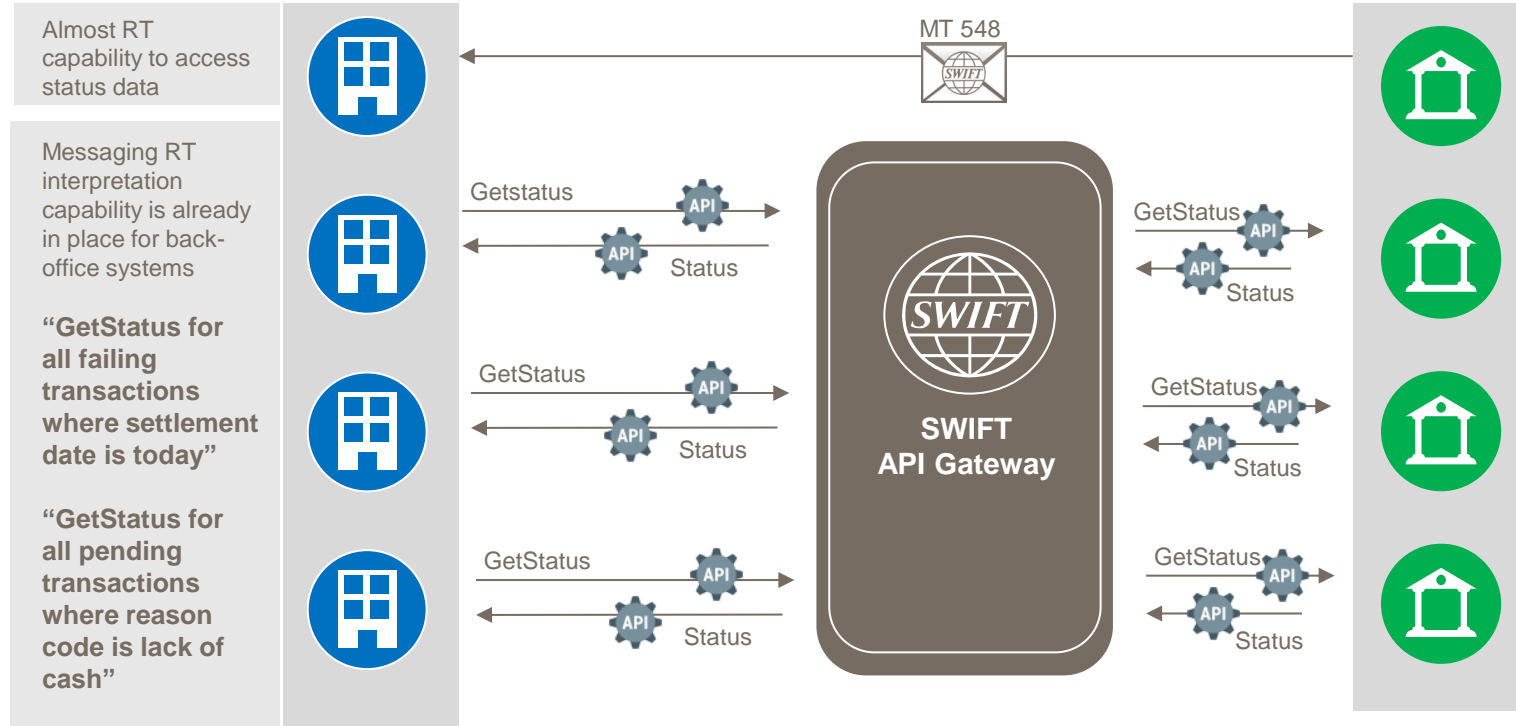




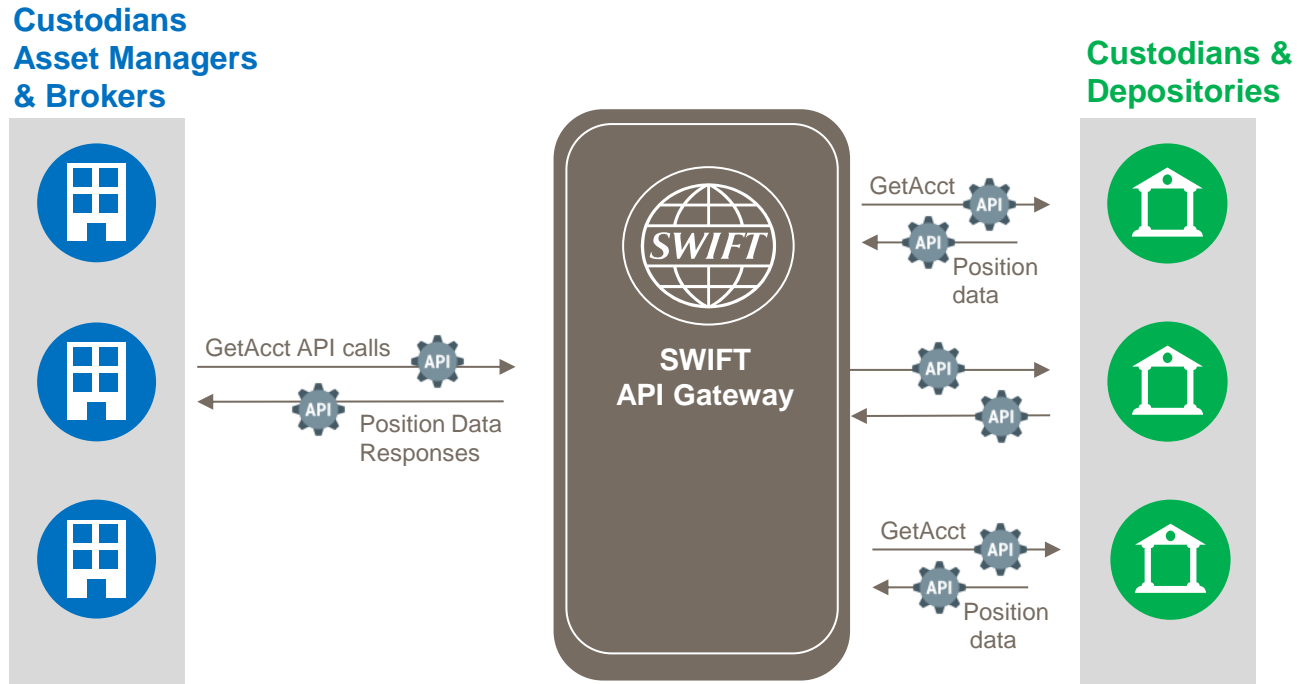
# Pre-validation of accounts



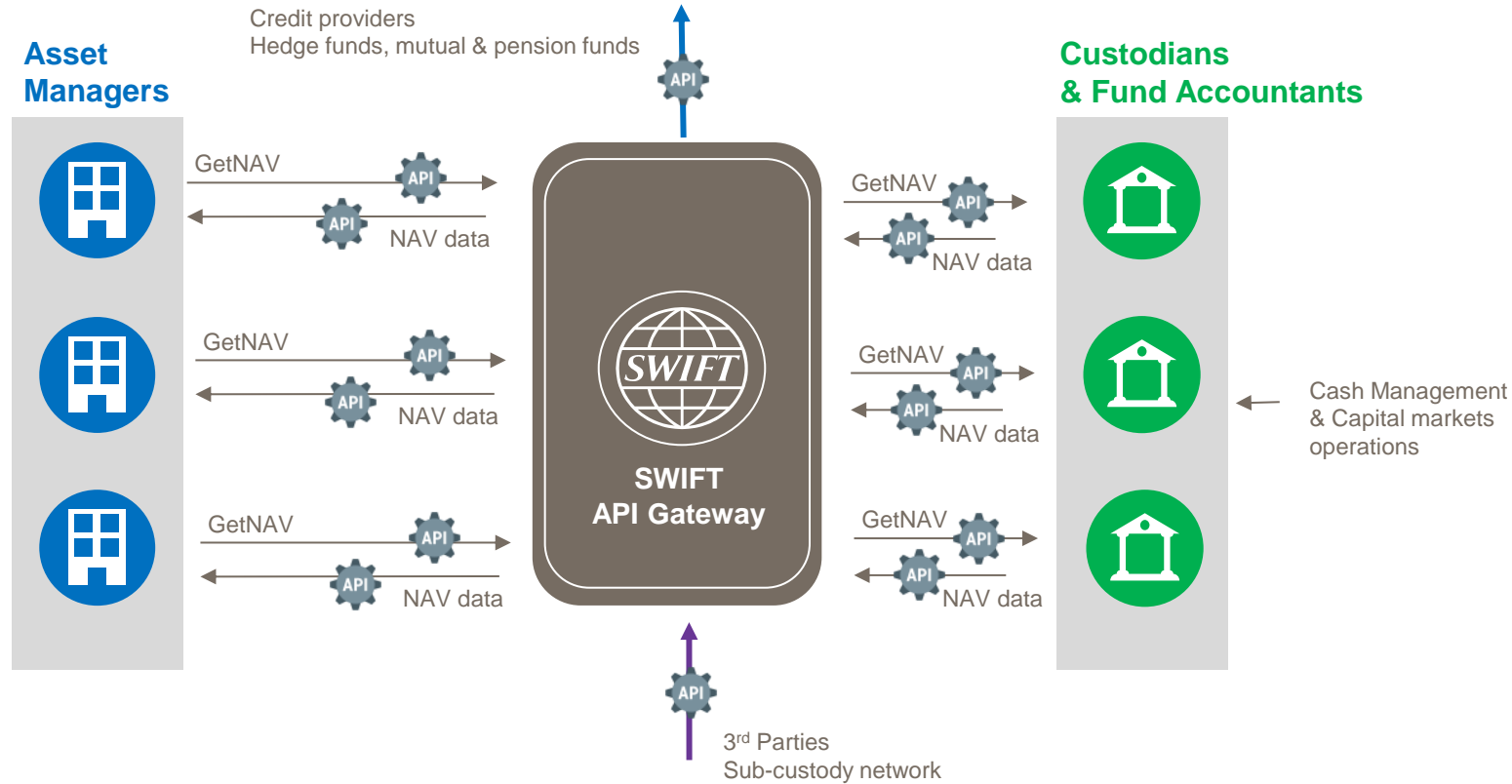
# On demand and real-time status of settlement instructions



# Request securities positions held across custodians and depositories



# Ad-hoc access to NAV information across fund accountants





[www.swift.com](http://www.swift.com)