



Expanding the CSD Service Portfolio

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Agenda



- Emerging CSD landscape
- Expanded CSD Service portfolio
- Discussion: The way forward

Emerging CSD landscape

Registrar/Registry

Issuer services, Shareholder services and Mutual Fund Services

Trade repository

Many markets around the world are setting up Trade Repositories
– North America, Europe have set up TRs

Cross Border Settlement

Real time links with Depositories, Clearing houses, Payment systems and adoption of ISO 20022 standards
– New initiatives like T2S, ASEAN Trading Link and Bond market initiative

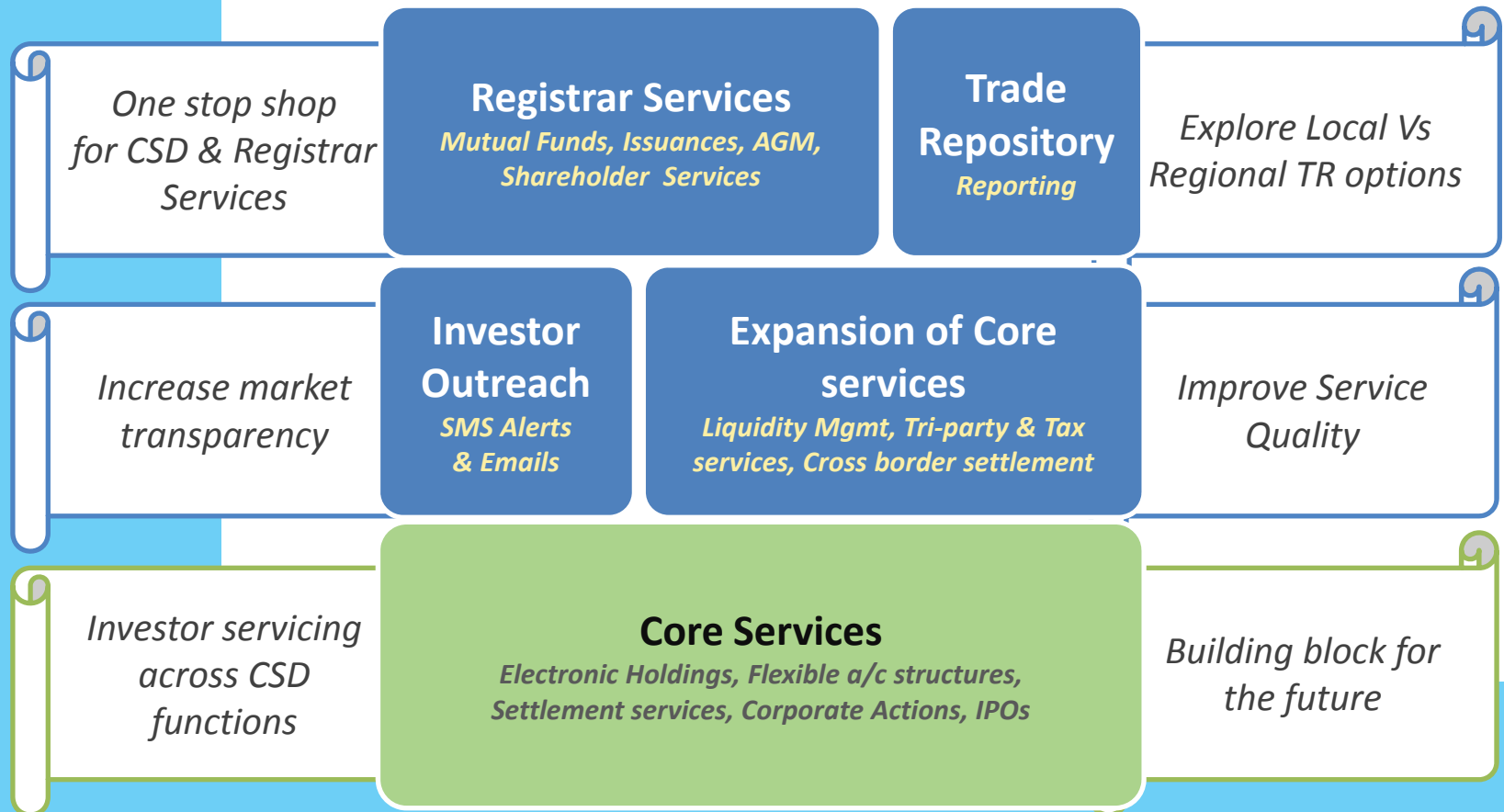
Tri-party Services

Generating new income streams
– Repo, Collateral Management Services

New Products

New asset classes including Commodities, ETFs and other innovative products

Expanded CSD Services



Consolidate core services; Expand into new business areas

Consolidate Core Services ...

Mutual Fund services

- ✓ Subscriptions, Redemptions, Switches & Transfers
- ✓ Fund allocation
- ✓ NAV computation
- ✓ Online portfolio services

Issuances / IPO

- ✓ Online IPOs
- ✓ Integration with Banks/Payment gateways

Shareholder Services

- ✓ Shareholder Register
- ✓ KYC Compliance
- ✓ Shareholder requests - Certificate processing, Online Transfers/Blocking, Mortgages
- ✓ Communications - SMS alerts / Email

AGM (Proxy / E-Voting)

- ✓ eVoting – online through application & through handheld devices
- ✓ Voting pattern analysis

Holdings Recon

- ✓ Reconciliation of issuer and shareholder balances

Depository



Corporate Actions

- ✓ Announcements
- ✓ Computation & Benefit disbursement (ECS)

A wider services portfolio; Customer segment diversity

Expand into new Business areas...

CCP Clearing

- ✓ CCP clearing, along with Net-Net settlement
- ✓ Central clearing for OTC derivatives
- ✓ Real-time position keeping
- ✓ Integrated Risk & Collateral Management

Fund Trustee Management

- ✓ Fund Book Maintenance for various AMCs
- ✓ Net Asset Value (NAV) calculation

Trade Repository

- ✓ Multi asset Trade Repository
- ✓ Support for Trading & Servicing Events, Valuation
- ✓ Multi-dimensional reporting
- ✓ Reconciliation

Liquidity Management

- ✓ Real time balance updates
- ✓ Cash forecasting & liquidity transfers
- ✓ Interface with Clearing/Settlement Banks



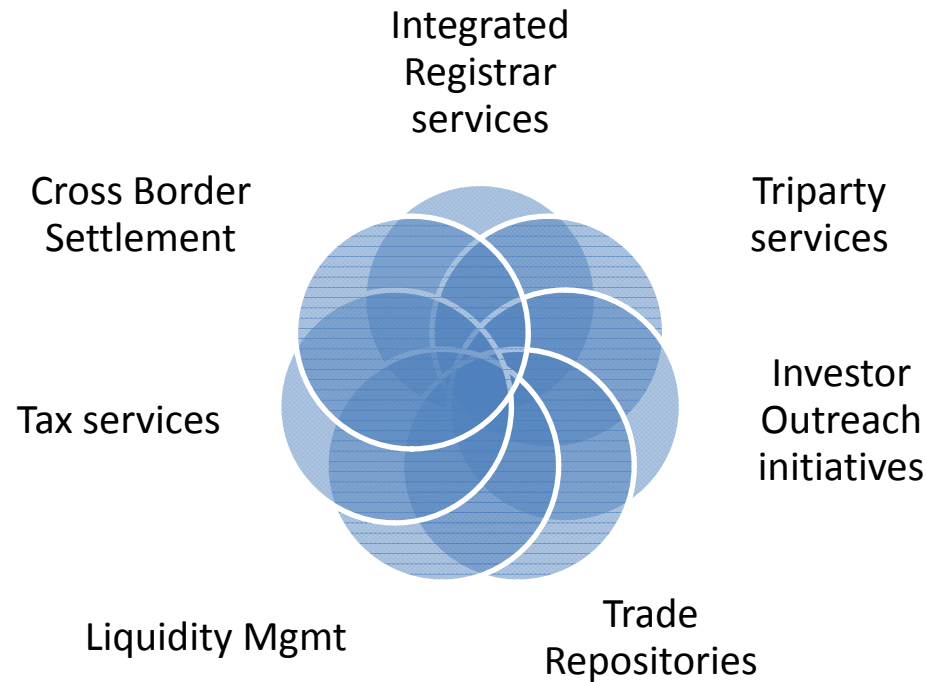
Depository

Cross - CSD settlement

- ✓ Establishing links with other regional CSDs
- ✓ Facilitate settlement of foreign securities
- ✓ Adoption of ISO 20022 messaging

Leveraging IT to become the Central Infrastructure Provider ...

The way forward – your opinion



- *Which are the topics of interest for the AMEDA community?*
- *Should an AMEDA Task Force be constituted amongst this group? If so, which two topics should the focus be on?*



Thank You