

20th ACG Cross-Training Seminar

Shanghai, China



10-11 May, 2018

Introduction of new services by CSDs

Presented by



Central Depository Services (India) Limited

Convenient * Dependable * Secure



CDSL Ventures Limited (CVL)



CDSL Insurance Repository Limited (CDSL IR)



CDSL Commodity Repository Limited (CCRL)

Initiatives towards digitization

❑ National Academic Depository

- A Repository for holding Academic Awards issued by Academic Institutions in Electronic Form

❑ Commodity Repository

- CDSL has forayed into the commodity business by setting up a Commodity Repository to hold electronic warehouse receipts (negotiable and non-negotiable) eNWR & eNNWR in demat form

❑ Digital Channel facilitation for demat account opening, monitoring & transaction



SMS Alerts Related
to Transactions



Electronic Access to
Securities Information



Electronic Access To Securities
Information and Execution of
Secured Transaction



Create your online Will
on www.cdslindia.com

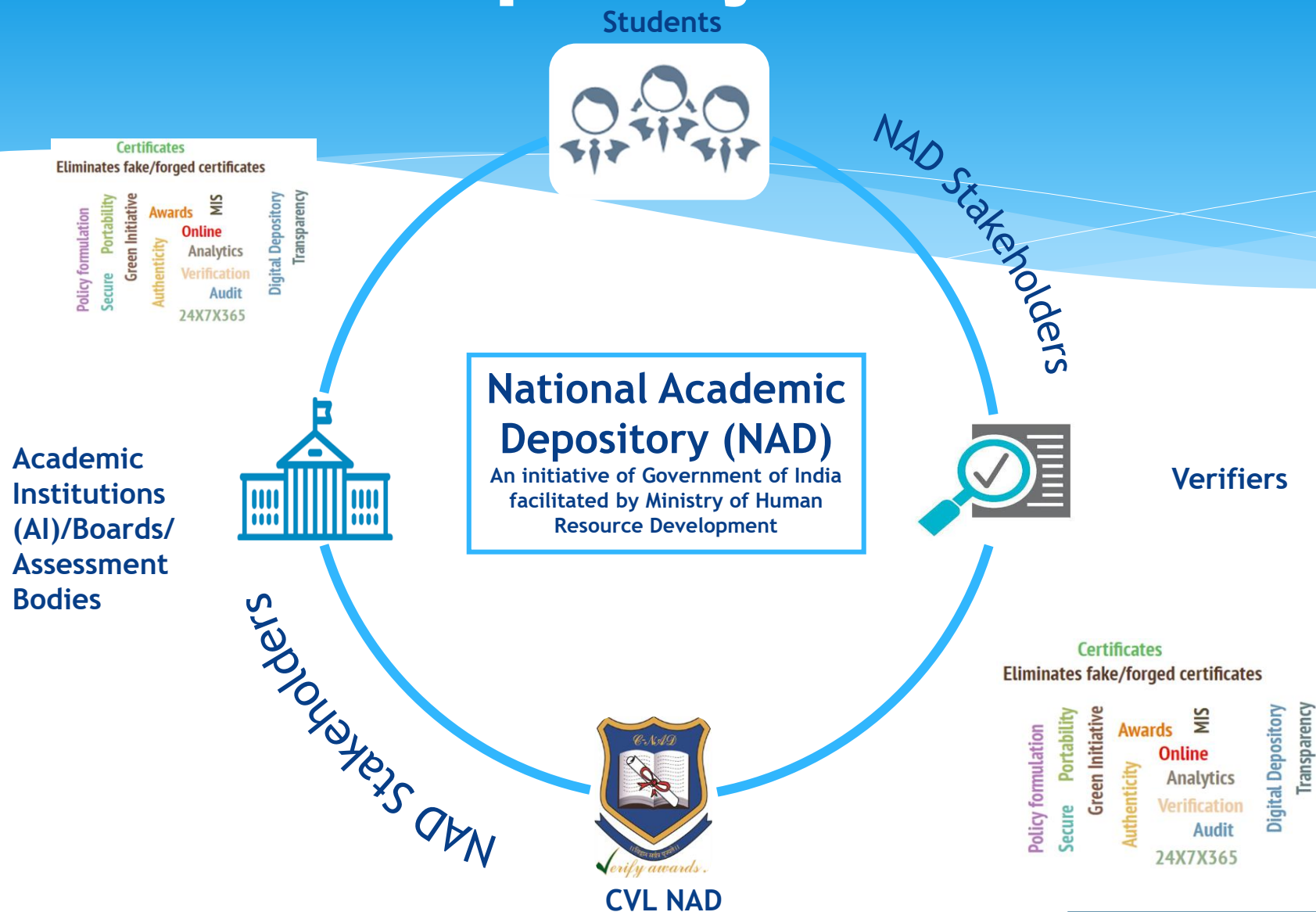


TRansactions
Using
Secured
Texting



National Academic Depository

National Academic Depository Stakeholders



Academic Institution – 270+

Registered Students – 23000+

Awards Uploaded – 29,00,000+



STUDENTS

- Aadhaar Based Registration
- Non Aadhaar Based Registration
- View / Manage Profile
- Auto -linked Awards
- View Awards
- Consent for Verification
- Student Portability
- Demat Legacy Awards

VERIFIERS



- Verifier Registration
- Verify Awards – One by One
- Verify Awards - Bulk

Stakeholders Functionality Overview



ACADEMIC INSTITUTIONS

- Manage Courses
- Template Master for Data
- Seed Aadhaar no./ NAD ID
- Upload Awards
- Student Registration – Bulk
- MIS / Analytics

CVL NAD



- Register AIs
- Award Replication
- Manage Award Data Structure
- AI Billing
- Verifier Billing
- MIS / Analytics / Dashboard

CVL NAD Benefits for Academic Institutions



Intangible Benefits

Process Optimization

Minimizes
Reputational Risk

Minimizes Service
Delivery Time

Transparency

Accountability

Tangible Benefits

No System
Maintenance

Minimizes Storage

Minimizes Manpower
Requirement

Cost Effective
Solution

Digital Security

CVL NAD Benefits for Students



Intangible Benefits

Easy Retrieval

No Attestation

Enhanced
Convenience

Transparency

Tangible Benefits

Anywhere,
Anytime Access

True Copy

Auto Linking of
Awards

Ease of
Verification

CVL NAD Benefits for Verifiers



Intangible Benefits

Minimizes Verification
Time

Enhanced Convenience

Transparency

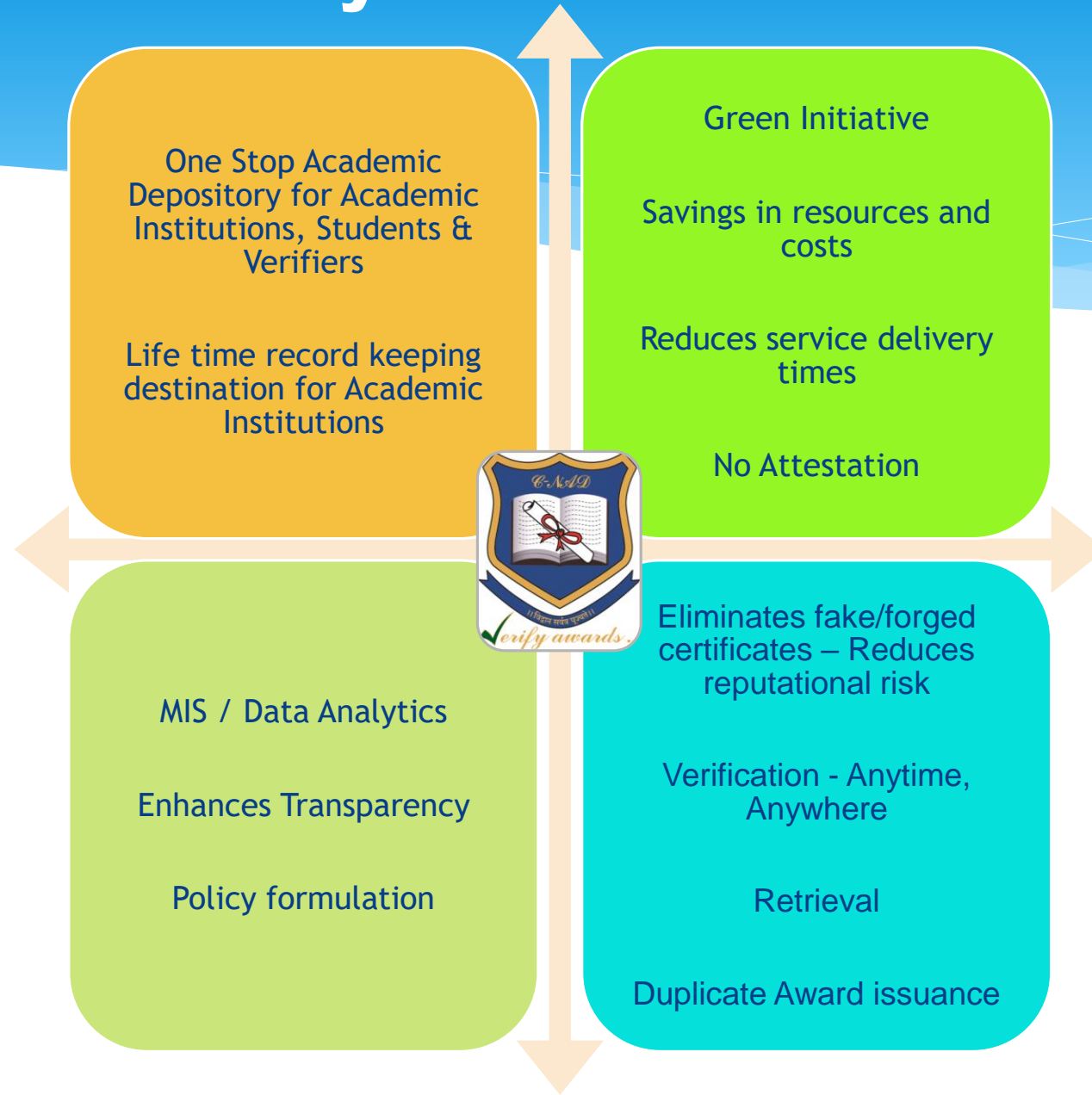
Tangible Benefits

Online Verification –
Across Geographies
24 X 7 X 365

True Copy

Cost Effective Solution

CVL NAD - Key Takeaways



Commodity Repository

Commodity Repository



- ❑ **Platform for issuing Negotiable Warehouse Receipts (NWR) for AGRI Commodities in electronic form**

- ❑ **Paper based Warehouse receipts**
 - Bad Delivery
 - Mutilation
 - Duplication

- ❑ **Benefits of Repository system**
 - ENWRs in repository account
 - Transfer of Ownership
 - Mitigates risks and hassles associated with paperwork
 - Lower transaction cost

Entities in Repository system:-



☐ Client

- Deposit of Commodities
- Holding commodities through eNWR and eNNWR
- Deliver (sell) / receive (buy) commodities in eNWR form for trades done on commodity exchanges, off-market or for any other reason.
- Pledge/Unpledge the eNWR held in the commodities account.
- Invoke the eNWRs held in the commodities account
- Freeze/unfreeze commodities
- Withdraw the commodities from the Warehouse

☐ Repository Participant

- Account opening & maintenance
- Services to clients

Entities in Repository system



☐ Warehouse / WSP

- Accept physical deposit & generation of eWR/eNWR
- Allow clients (commodity owners) for revalidation, error rectification, withdrawal, pledge request commodity confirmation, etc.
- Reconciliation

☐ Banks/NBFC

☐ Assayer

☐ Exchanges

☐ Clearing Members

Service Cycle



DEPOSITOR



RP /
RP Branch



WAREHOUSE



WH OFFICE



ASSAYING



BENEFICIARY HOLDER



WAREHOUSE OFFICE



PLEDGE (FUNDING)

Symbol	Exch	Set Exp	%...	Buy P.L.	Sell P.L.	Last C.	High	Open	Low	Close
SILVER	MCX	05MAY2014	8.78	20450.00	20700.00	20500.00	21500.00	20400.00	20600.00	20122.00
COPPER	MCX	30APR2014	-5.95	381.75	382.50	381.75	430.00	406.40	381.35	405.90
NICKEL	MCX	30APR2014	-3.76	949.00	949.30	949.00	1130.00	987.90	949.00	986.10
CHINESE COIN	MCX	21APR2014	2.01	6110.00	6180.00	6180.00	7190.00	6967.00	4870.00	6058.00
NATURAL GAS	MCX	25APR2014	2.55	272.50	277.00	277.00	280.00	270.80	259.30	270.10
CPD	MCX	30APR2014	-1.08	567.50	568.00	568.00	591.40	575.00	568.00	574.20
KAPAS	MCX	30APR2014	-2.92	794.00	779.00	779.00	820.00	820.00	779.00	802.40
ALL PINUM	MCX	30APR2014	0.55	110.10	110.20	112.50	109.40	107.00	107.00	109.60
LEAD	MCX	30APR2014	-3.38	122.00	120.00	120.00	124.40	119.50	119.50	124.30
ZINC	MCX	30APR2014	2.24	123.00	123.00	125.00	119.85	115.60	120.30	120.30
CARDAMOM	MCX	15APR2014	-1.15	866.90	880.00	880.00	879.50	831.00	877.00	877.00
POTATO	MCX	30APR2014	-4.74	1210.00	1287.00	1287.00	1285.00	1280.00	1270.50	1270.50
MENTHOL	MCX	30APR2014	7.81	871.00	880.00	880.00	888.50	869.50	869.50	863.70
COTTON	MCX	30APR2014	0.00	20260.00	20380.00	20380.00	0.00	0.00	0.00	20300.00

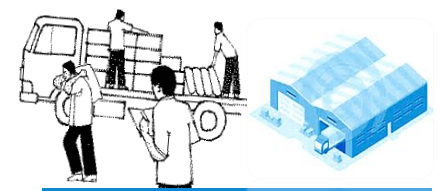
ON MARKET TRANSFER



OFF MARKET TRANSFER



E - AUCTION



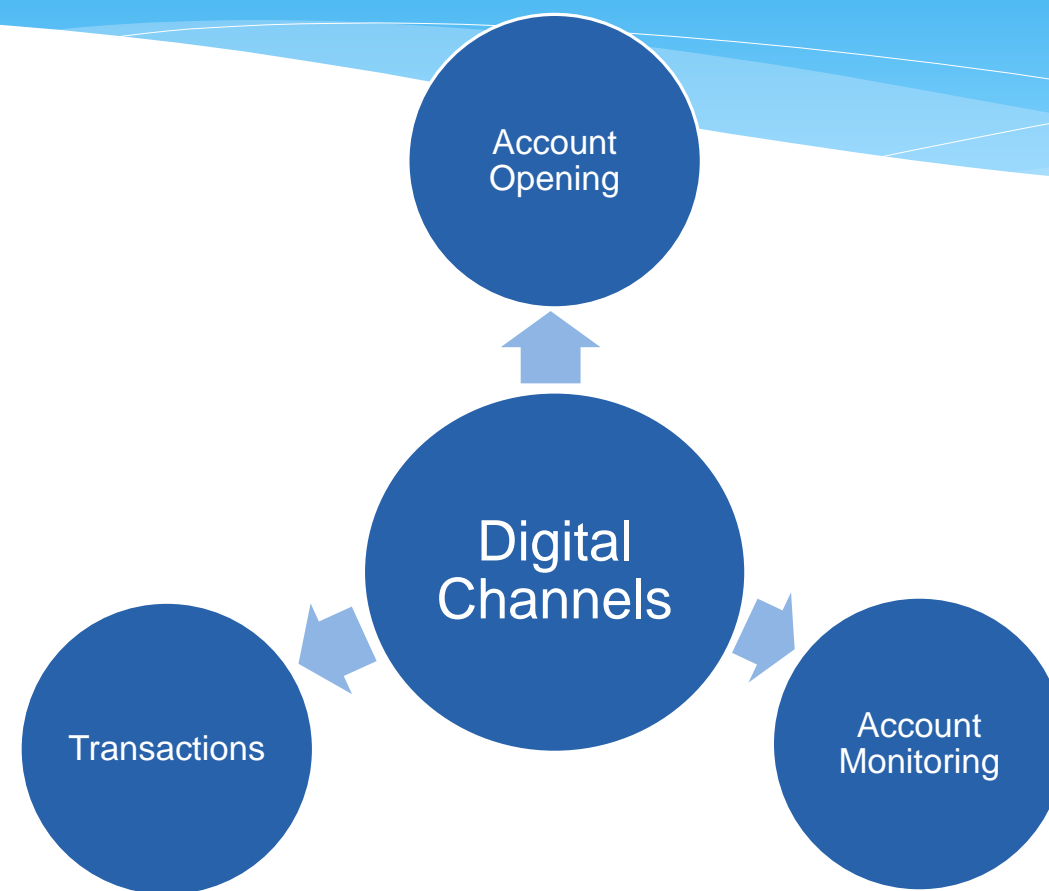
PHYSICAL DELIVERY

Digital Channels Facilitating Account opening, Monitoring and Transactions

CDSL-590+ Depository Participants

CVL-2100+ Intermediaries

CDSL IR- 300+ Approved Persons



Digital Channels Facilitating - Account Opening



❑ CVL KRA

- First & Largest KYC Registration Agency with over 17 million KYCs registered

❑ e-KYC

- *UIDAI based*
- *e-KYC eliminates the paper work*

Digital Channels Facilitating - Transactions



- ❑ **easi/ Myeasi Mobile App**

- Anytime/ Anywhere access of Demat account

- ❑ **easiest**

- Online transfer of Securities (Trusted Account/ Account of Choice)

- ❑ **SMART**

- SMS Alerts to investors for each Debit transaction/ Corporate Action Credit/ IPO Credit & change of demographic details

Digital Channels Facilitating - Account Monitoring

❑ **eCAS**

- Investors are able to view their entire investments in Mutual Funds & Securities held in demat account in single eCAS sent by CDSL

❑ **e-DOTS**

- CDSL sends the holding and transactions statements to the Investors

❑ **e-Locker**

- Online document storage facilities available for easy/easiest users
- Categorization of documents for ease of access

Adding Value for Investors ...



☐ **e-Voting**

- Enables shareholders to cast their ballot electronically for company resolutions through remote voting & at AGM/EGM Venue
- Automated system which records votes & give result instantaneously

☐ **m-Voting**

- Mobile App for shareholders to participate in voting process available for Android, IOS & Windows mobile users

Thank You



Central Depository Services (India) Limited

Convenient * Dependable * Secure

CDSL – Convenient, Dependable, Secure

CVL-Exploring new horizons

CDSL IR - Aaj Digital toh Kal Befikar