

Circular No.: NSDL/POLICY/2022/022

February 08, 2022

Subject: NSDL APIs and Technology Integrations for Market Participants

As Participants are aware that NSDL has introduced various APIs (Application Programming Interface) and technology integrations for the benefits of the Participants, their Clients and various Market Participants. These APIs and technology integrations will enhance customer/user experience as well as facilitates automation. In this regard, Participants are requested take note of the following APIs and technology integrations offered by NSDL for Market Participants:

(I) Participants**a) Account Opening API for Participants**

The Account opening API is a technical integration / interface between the Participant and NSDL for opening instant demat account, which will be initiated from Participant's application to NSDL Insta Interface System. The account opening feed sent from Participant will be received at NSDL Insta Interface and would be then transmitted to the NSDL's core depository system (CDS). Post activation of the account at NSDL CDS, Participants will receive the feed at their Local DPM System / Cloud DPM System, as the case may be, for back office updation. Currently, the API facilitates opening of demat accounts with single holding.

b) e-Voting and IDeAS Integrations

Through technical integration as informed vide NSDL Circular No.: NSDL/POLICY/2021/0052 dated May 26, 2021, Participants will have the choice of redirecting their clients from their websites to either NSDL IDeAS facility or can directly be redirected to the evoting page within the IDeAS facility. In case of re-direction to IDeAS page, Clients can have access to their eCAS and other value added services including e-Voting, post authentication. In case of re-direction to eVoting page within IDeAS facility, Clients, post authentication on IDeAS, will be able to cast their vote for securities where NSDL has been appointed as ESP or will be redirected to the e-Voting page of other E-Voting Service Providers (ESPs) to cast vote without having a necessity of doing log-in with other ESPs

II) Bank-based Participants**NSDL Insta Demat Account for Banks**

'NSDL Insta Demat Account' is an API / Technical Integration interface between the DP Banks and NSDL for opening instant demat account where the Client (end-investor) will be re- directed

from Bank's net-banking portal / mobile application (*using the existing login credentials provided by the Bank*) to NSDL for opening of instant NSDL demat account.

(III) Brokers

a) e-Delivery Instruction Slip (eDIS)

eDIS facility is a technical integration between the brokers and NSDL Demat Gateway which facilitates Clients to provide mandate/consent to debit and transfer securities from their demat accounts towards the obligation at exchange(s) arising out of trades. Using this facility, demat account holders can fulfil their pay-in obligations without having the need to submit Power of Attorney to their stock broker.

b) Margin Pledge Instruction (MPI) API

i) MPI API Online Clients

MPI API for online Clients is a technical integration between the Broker and NSDL Demat Gateway which facilitates Clients (*POA and non POA based Clients*) to initiate margin pledge based instructions online.

ii) MPI API for Offline / Call and Trade

MPI API for offline / call and trade is a technical integration between broker and NSDL Demat Gateway for initiating MPI for POA based Clients by the broker based on the instructions received from the Client.

In the aforesaid APIs, status responses will be provided to both the Broker (*call back response*) as well as Participant (*update at their Local DPM System*).

(IV) Banks and NBFCs

a) NSDL Digital LAS for demat account holders of NSDL

NSDL Digital LAS facility is a technical integration between the net banking portal of the Bank or web portal of NBFC and NSDL for offering Loan against securities (LAS) services to all the demat account holders of NSDL maintain demat accounts with any Participant of NSDL. It is a complete end-to-end digital offering to facilitate initiation of pledge instruction by the Client and confirmation of pledge instruction by the Pledgor's DP in an online mode with the requisite call back responses providing status of the instructions to Bank/ NBFC.

b) NSDL Digital LAS for IPO Financing

NSDL Digital LAS for IPO Financing is technical integration between the Bank/NBFC and NSDL to facilitate pledging of securities as collateral for offering IPO related funding.

For more information / clarifications, access to these aforesaid API documents and on-boarding/technical integrations related support, Participants are requested to contact the following officials:

Name of the Official	Telephone No. / Mobile No	Email Address
Ms. Richi Savla	(022) 2499 4544 / 8080506500	richis@nsdl.co.in
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For and on behalf of
National Securities Depository Limited

**Gayak Jalan
Manager**

FORTHCOMING COMPLIANCE				
Particulars	Deadline	Manner of sending	Reference	
Investor Grievance Report (Monthly)	By 10th of the following month.	Through e-PASS	Circular No. NSDL/POLICY/2015/0096 dated October 29, 2015	
Networth Certificate and Audited Financial Statements for the FY 2020-21	February 15, 2022	By hard copy to Inspection Department	1. Circular No. NSDL/PI/98/414 dated September 1, 1998 2. Circular No. NSDL/POLICY/2021/0104 dated October 08, 2021 3. Circular No. NSDL/POLICY/2022/013 dated January 21, 2022	

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