

Announcement January 24, 2019

The Indxx Artificial Intelligence and Big Data Index will be reconstituted after the close of trading hours on January 31, 2019.

Listed below are the index constituent that will be added to the existing index:

S.No	ISIN	Company Name
1	GB00BDD85M81	Avast Plc
2	US05464C1018	Axon Enterprise, Inc.
3	US11133T1034	Broadridge Financial Solutions, Inc.
4	US34959E1091	Fortinet, Inc.
5	US47215P1066	JD.com, Inc.
6	NL0000226223	STMicroelectronics NV
7	JP3592200004	Toshiba Corp.

## Listed below are the index constituent that will be deleted from the existing index:

S.No	ISIN	Company Name
1	US21871D1037	CoreLogic, Inc.
2	US26483E1001	Dun & Bradstreet Corp.
3	US6974351057	Palo Alto Networks, Inc.
4	DE0005089031	United Internet AG
5	US7477981069	Qudian Inc.

Listed below are the new index constituents that will be effective at the close of trading hours on January 31, 2019.

S.No	ISIN	Company Name
1	US00724F1012	Adobe, Inc.
2	US01609W1027	Alibaba Group Holding Ltd.
3	US02079K3059	Alphabet, Inc.
4	US0231351067	Amazon.com, Inc.
5	US04685W1036	athenahealth, Inc.
6	GB00BDD85M81	Avast Plc
7	US0567521085	Baidu, Inc.
8	US09227Q1004	Blackbaud, Inc.
9	US21925Y1038	Cornerstone OnDemand, Inc.
10	US23355L1061	DXC Technology Co.
11	US2786421030	eBay, Inc.
12	US29404K1060	Envestnet, Inc.
13	GB00B19NLV48	Experian Plc
14	US30303M1027	Facebook, Inc.



S.No	ISIN	Company Name
15	US3032501047	Fair Isaac Corp.
16	US31816Q1013	FireEye, Inc.
17	US32008D1063	First Data Corp.
18	US34959E1091	Fortinet, Inc.
19	BMG3922B1072	Genpact Ltd.
20	US4435731009	HubSpot, Inc.
21	US48203R1041	Juniper Networks, Inc.
22	US5398301094	Lockheed Martin Corp.
23	US54142L1098	LogMeIn, Inc.
24	US64110L1061	Netflix, Inc.
25	GB00BWFY5505	Nielsen Holdings Plc
26	US6668071029	Northrop Grumman Corp.
27	US67020Y1001	Nuance Communications, Inc.
28	CA6837151068	Open Text Corp.
29	US7055731035	Pegasystems, Inc.
30	US7153471005	Perspecta, Inc.
31	US69370C1009	PTC, Inc.
32	US7551115071	Raytheon Co.
33	US79466L3024	salesforce.com, inc.
34	US81762P1021	ServiceNow, Inc.
35	CA82509L1076	Shopify, Inc.
36	DE0007236101	Siemens AG
37	US83304A1060	Snap, Inc.
38	DE000A2GS401	Software AG
39	US8486371045	Splunk, Inc.
40	US8715031089	Symantec Corp.
41	US87336U1051	Tableau Software, Inc.
42	KYG875721634	Tencent Holdings Ltd.
43	US88076W1036	Teradata Corp.
44	US88339J1051	The Trade Desk, Inc.
45	CA8849037095	Thomson Reuters Corp.
46	US90138F1021	Twilio, Inc.
47	US90184L1026	Twitter, Inc.
48	US92343X1000	Verint Systems, Inc.
49	US92345Y1064	Verisk Analytics, Inc.
50	US9285634021	VMware, Inc.
51	IL0011301780	Wix.com Ltd.
52	US98138H1014	Workday, Inc.
53	NZXROE0001S2	Xero Ltd.
54	US9858171054	Yelp, Inc.



S.No	ISIN	Company Name
55	US9892071054	Zebra Technologies Corp.
56	US98936J1016	Zendesk, Inc.
57	US05464C1018	Axon Enterprise, Inc.
58	US47215P1066	JD.com, Inc.
59	US11133T1034	Broadridge Financial Solutions, Inc.
60	US0527691069	Autodesk, Inc.
61	US0079031078	Advanced Micro Devices, Inc.
62	US2328061096	Cypress Semiconductor Corp.
63	TW0003443008	Global Unichip Corp.
64	US42824C1099	Hewlett-Packard Enterprise Co.
65	US4581401001	Intel Corp.
66	US4592001014	International Business Machines Corp.
67	US5951121038	Micron Technology, Inc.
68	US5949181045	Microsoft Corp.
69	US64110D1046	NetApp, Inc.
70	US67066G1040	NVIDIA Corp.
71	US68389X1054	Oracle Corp.
72	TW0008299009	Phison Electronics Corp.
73	US74624M1027	Pure Storage, Inc.
74	US7475251036	QUALCOMM, Inc.
75	IE00B58JVZ52	Seagate Technology Plc
76	KR7000660001	SK hynix, Inc.
77	NL0000226223	STMicroelectronics NV
78	US8716071076	Synopsys, Inc.
79	JP3592200004	Toshiba Corp.
80	TW0002344009	Winbond Electronics Corp.
81	US9839191015	Xilinx, Inc.