



TM

06 September 2021

Account aggregator ecosystem offers multifarious opportunities

SECTOR UPDATE

Industry

BFSI

After attaining an optimally large size, the account aggregator (AA) - an open architecture framework, would enable the seamless flow of customers' consented financial information across regulated financial institutions. It would help customers to reach out to multiple financiers while also enable financial institutions to make more informed credit underwriting decisions. The information reservoir will expand significantly, and how financial institutions leverage the vast resources efficiently will be a key monitorable. This ecosystem will bring a level playing field for financial information users at a very minimal cost. Customers' consented financial information will not remain restricted to a particular bank/banks' database and will be available to all other financial institution users. Qualitative financial product offerings and customers' service quality would now become more critical.

Stepping stones sealed - the AA system goes Live

In the second half of FY2016, the Reserve Bank of India (RBI) had established a legal framework for data fiduciary entities (account aggregators, AA). After alterations over the years, RBI has disseminated a set of final guidelines on AA. As per the guidelines, account aggregators are mandated to act as intermediaries between customers, financial information providers (FIPs) and financial information users (FIUs) through standardized application interfaces (APIs).

The customer for these directions means a person who has entered into a contractual arrangement with the AA to avail services provided by the AA. FIP means banks, banking companies, non-banking financial companies, asset management companies, depositories, depository participants, insurance companies, insurance repositories, pension funds and such other entities as may be identified by the bank for these directions from time to time. FIU means an entity registered with and regulated by any financial sector regulator (RBI, SEBI, IRDA and PFRDA).

AA ecosystem to gain customers' acceptance gradually

It would take time to educate customers and make them aware of its likely benefits. The AA ecosystem would strengthen only with customers' consented financial information - how much and what kind of financial information a customer agrees to share remains to be seen. Customers may only agree to share information that makes their financial background strong and helps them access incremental credit from the lenders.

AA ecosystem to give access to a plethora of financial information...

Unlike credit information companies (already operating), the AA would provide financial information about customers' deposits, mutual fund holdings, insurance plans and pension plans.

...Enriching financial institutions and making underwriting decisions more efficient

The AA would be required to set up an interoperable, consent-driven architecture along with standardized APIs to facilitate the flow of financial information. AA would not store or view any of the customers' data passing through it; therefore, the probability of misuse of the financial data/information is low. With the 'Personal Data Protection Bill' likely to become law soon, the AA framework will become essential for regulatory compliance and access to consented data flows. With an ample amount of potential customers' financial information, underwriting would become a lot easier.

Rakesh Kumar
rakeshkumar@systematixgroup.in
+91 22 6704 8041

Shubhranshu Mishra
shubhranshumishra@systematixgroup.in
+91 22 6704 8024

Nikhil Shah
nikhilshah@systematixgroup.in
+91 22 6704 8091

Large banks part of the ecosystem; customers can get credit with greater ease

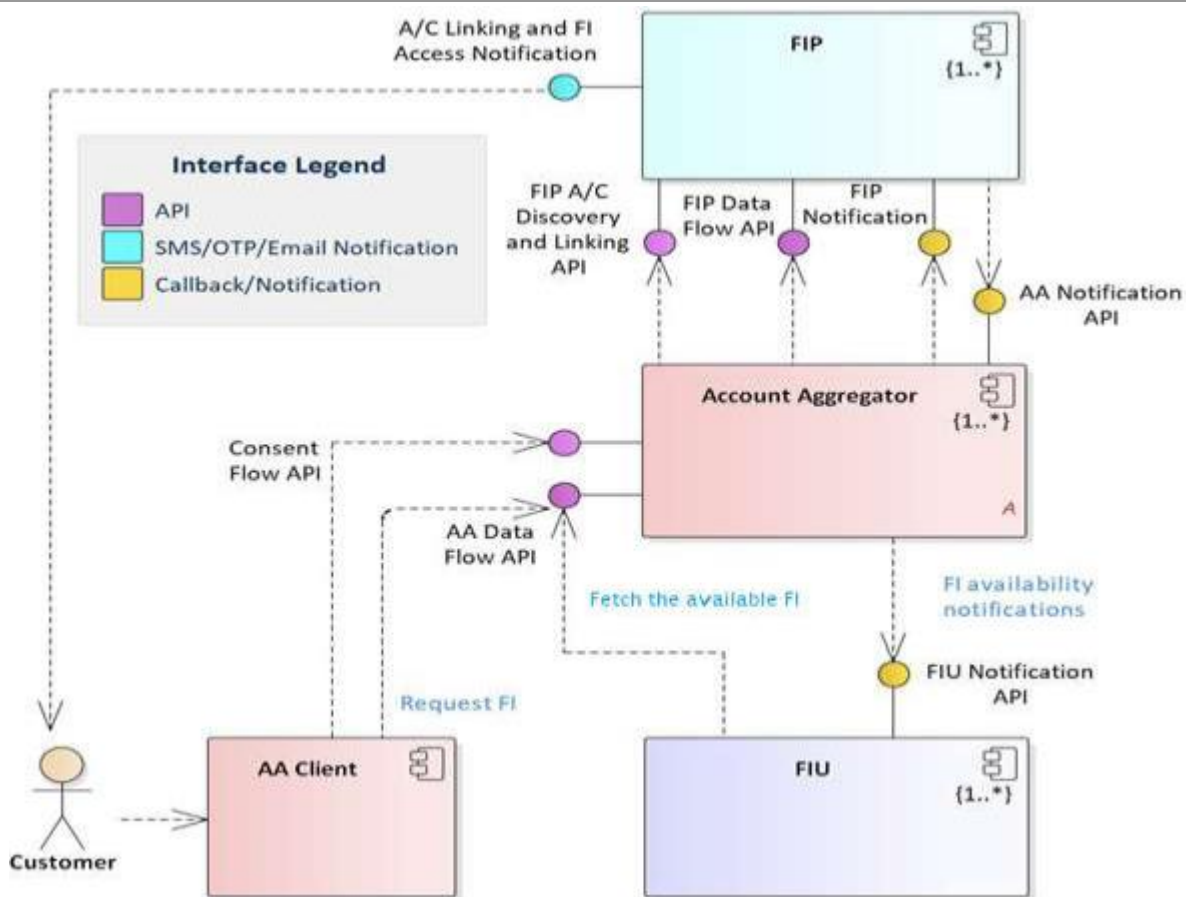
As per the technology think tank “isiprt”, eight major banks (AXSB, FB, HDFCB, ICICIBC, IDFCBK, IIB, KMB and SBIN) have joined the AA network. AXSB and HDFCB have been using AA for auto loans, LendingKart has been using AA for MSME loans, while IndusInd Bank has been using it for personal finance management. **Secure access to financial data via open banking infrastructure was estimated by a McKinsey report to create up to 5% of GDP in value for India by 2030.** Four banks are already live with data accessible for consumers via AA, and the rest will go live soon. Many more banks are expected to join the AA ecosystem in the coming months.

Customers using the AA financial utility will benefit not only from the ease of access to data but also from a greater choice of products, better pricing and increased financial inclusion. They will also be able to find financial assistance sooner.

Robust IT systems & processes - key ingredient in segregating wheat from the chaff

With the open banking infrastructure now available, the FIU with the most sophisticated IT systems to funnel the right kind of information to select/acquire potentially good customers from the large set of financial information would be the winner eventually. Large PVBs and SBIN have been pioneers in this arena, and the AA ecosystem would be a true litmus test for lenders. The selection of the right set of customers would eventually reflect into business traction and cost of credit in the long run.

Exhibit 1: AA ecosystem architecture



Source: Systematix Institutional Research

Institutional Equities Team

Nikhil Khandelwal	Managing Director	+91-22-6704 8001	nikhil@systematixgroup.in
Navin Roy Vallabhaneni	President & Head – IE & ECM	+91-22-6704 8065	navin@systematixgroup.in

Equity Research

Analysts	Industry Sectors	Desk-Phone	E-mail
Rahul Jain	Metals & Mining	+91-22-6704 8066	rahuljain@systematixgroup.in
Ronak Sarda	Auto, Auto Ancillaries	+91-22-6704 8059	ronaksarda@systematixgroup.in
Rakesh Kumar	Banking, Insurance	+91-22-6704 8041	rakeshkumar@systematixgroup.in
Praful Bohra	Pharmaceuticals and Healthcare	+91-22-6704 8064	prafulbohra@systematixgroup.in
Shubhranshu Mishra	NBFCs & Diversified Financials	+91-22-6704 8024	shubhranshumishra@systematixgroup.in
Sanjeev Kumar Singh	Cement, Building Materials, Paints	+91-22-6704 8017	sanjeevsingh@systematixgroup.in
Premal Kamdar	Consumer Staples	+91-22-6704 8090	premalkamdar@systematixgroup.in
Amar Kedia	Infra, Cap Goods, Logistics, Consumer Durables	+91-22-6704 8084	amarkedia@systematixgroup.in
Ashutosh Joytiraditya	Consumer, Retail	+91-22-6704 8068	ashutoshj@systematixgroup.in
Naushad Chaudhary	Chemicals, Textiles, Building Materials, Midcaps	+91-22-6704 8036	naushadchaudhary@systematixgroup.in
Harsh Mittal	Cement, Building Materials, Paints	+91-22-6704 8098	harshmittal@systematixgroup.in
Poorvi Banka	Auto, Auto Ancillaries	+91-22-6704 8063	poorvibanka@systematixgroup.in
Nikhil Shah	Banking, Insurance	+91-22-6704 8091	nikhilshah@systematixgroup.in
Tausif Shaikh	Pharmaceuticals and Healthcare	+91-22-6704 8046	tausifshaikh@systematixgroup.in
Shweta Dikshit	Metals & Mining	+91-22-6704 8042	shwetadikshit@systematixgroup.in
Hena Vora	NBFCs & Diversified Financials	+91-22-6704 8045	henavora@systematixgroup.in
Shilpashree Venkatesh	Macro-Strategy	+91-22-6704 8078	shilpav@systematixgroup.in

Equity Sales & Trading

Name		Desk-Phone	E-mail
Vipul Sanghvi	Director and Head - Sales	+91-22-6704 8062	vipulsanghvi@systematixgroup.in
Ashok Kumar Agarwal	Sales	+91-22-6704 8058	ashokagarwal@systematixgroup.in
Jigar Kamdar	Sales	+91-22-6704 8060	jigarkamdar@systematixgroup.in
Nirbhay Kumar Singh	Sales	+91-22-6704 8061	nirbhaysingh@systematixgroup.in
Rahul Khandelwal	Sales	+91-22-6704 8033	rahul@systematixgroup.in
Pawan Sharma	Director and Head - Sales Trading	+91-22-6704 8067	pawansharma@systematixgroup.in
Mukesh Chaturvedi	Vice President and Co Head - Sales Trading	+91-22-6704 8074	mukeshchaturvedi@systematixgroup.in
Vinod Bhuwad	Sales Trading	+91-22-6704 8051	vinodbhuwad@systematixgroup.in
Rashmi Solanki	Sales Trading	+91-22-6704 8097	rashmisolanki@systematixgroup.in
Rahul Thakar	Sales Trading - Derivatives	+91-22-6704 8073	rahulthakar@systematixgroup.in
Vipul Chheda	Dealer	+91-22-6704 8050	vipulchheda@systematixgroup.in
Amit Sawant	Dealer	+91-22-6704 8054	amitsawant@systematixgroup.in
Paras Shah	Dealer	+91-22-6704 8047	parasshah@systematixgroup.in
Suketu Vyas	Dealer	+91-22-6704 8050	suketuvyas@systematixgroup.in

Corporate Access

Audrey Leolyn Mendonca	Assistant Vice President	+91-22-6704 8088	audreymendonca@systematixgroup.in
------------------------	--------------------------	------------------	-----------------------------------

Production

Yukti Vidyarthi	Editor	+91-22-6704 8071	yukti@systematixgroup.in
Mrunali Pagdhare	Production	+91-22-6704 8057	mrunalip@systematixgroup.in
Vijayendra Achrekar	Production	+91-22-6704 8089	vijayendraachrekar@systematixgroup.in

Operations

Sachin Malusare	Vice President	+91-22-6704 8055	sachinmalusare@systematixgroup.in
Sugandha Rane	Assistant Vice President	+91-22-6704 8056	sugandha@systematixgroup.in
Jignesh Mistry	Manager	+91-22-6704 8049	jigneshmistry@systematixgroup.in
Ravikiran Dasaka	Manager	+91-22-6704 8019	ravikiran@systematixgroup.in
Ravi Agarwal	Assistant Manager	+91-22-6704 8016	raviagarwal@systematixgroup.in

DISCLOSURES/APPENDIX

I. ANALYST CERTIFICATION

I, **Rakesh Kumar, Shubhramshu Mishra, Nikhil Shah**; hereby certify that (1) views expressed in this research report accurately reflect my/our personal views about any or all of the subject securities or issuers referred to in this research report, (2) no part of my/our compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report by **Systematix Shares and Stocks (India) Limited (SSSIL)** or its group/associate companies, (3) reasonable care is taken to achieve and maintain independence and objectivity in making any recommendations.

Disclosure of Interest Statement	Update
Analyst holding in the stock	No
Served as an officer, director or employee	No

II. ISSUER SPECIFIC REGULATORY DISCLOSURES, unless specifically mentioned in point no. 9 below:

- The research analyst(s), SSSIL, associates or relatives do not have any financial interest in the company(ies) covered in this report.
- The research analyst(s), SSSIL, associates or relatives collectively do not hold more than 1% of the securities of the company(ies) covered in this report as of the end of the month immediately preceding the distribution of the research report.
- The research analyst(s), SSSIL, associates or relatives did not have any other material conflict of interest at the time of publication of this research report.
- The research analyst, SSSIL and its associates have not received compensation for investment banking or merchant banking or brokerage services or any other products or services from the company(ies) covered in this report in the past twelve months.
- The research analyst, SSSIL or its associates have not managed or co-managed a private or public offering of securities for the company(ies) covered in this report in the previous twelve months.
- SSSIL or its associates have not received compensation or other benefits from the company(ies) covered in this report or from any third party in connection with this research report.
- The research analyst has not served as an officer, director or employee of the company(ies) covered in this research report.
- The research analyst and SSSIL have not been engaged in market making activity for the company(ies) covered in this research report.
- Details of SSSIL, research analyst and its associates pertaining to the companies covered in this research report:

Sr. No.	Particulars	Yes / No.
1	Whether compensation was received from the company(ies) covered in the research report in the past 12 months for investment banking transaction by SSSIL.	No
2	Whether research analyst, SSSIL or its associates and relatives collectively hold more than 1% of the company(ies) covered in the research report.	No
3	Whether compensation has been received by SSSIL or its associates from the company(ies) covered in the research report.	No
4	Whether SSSIL or its affiliates have managed or co-managed a private or public offering of securities for the company(ies) covered in the research report in the previous twelve months.	No
5	Whether research analyst, SSSIL or associates have received compensation for investment banking or merchant banking or brokerage services or any other products or services from the company(ies) covered in the research report in the last twelve months.	No

- There is no material disciplinary action taken by any regulatory authority that impacts the equity research analysis activities.

STOCK RATINGS

BUY (B): The stock's total return is expected to exceed 15% over the next 12 months.

HOLD (H): The stock's total return is expected to be within -15% to +15% over the next 12 months.

SELL (S): The stock's total return is expected to give negative returns of more than 15% over the next 12 months.

NOT RATED (NR): The analyst has no recommendation on the stock under review.

INDUSTRY VIEWS

ATTRACTIVE (AT): Fundamentals/valuations of the sector are expected to be attractive over the next 12-18 months.

NEUTRAL (NL): Fundamentals/valuations of the sector are expected to neither improve nor deteriorate over the next 12-18 months.

CAUTIOUS (CS): Fundamentals/valuations of the sector are expected to deteriorate over the next 12-18 months.

III. DISCLAIMER

The information and opinions contained herein have been compiled or arrived at based on the information obtained in good faith from sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy completeness or correctness.

This document is for information purposes only. This report is based on information that we consider reliable; we do not represent that it is accurate or complete and one should exercise due caution while acting on it. Description of any company(ies) or its/their securities mentioned herein are not complete and this document is not and should not be construed as an offer or solicitation of an offer to buy or sell any securities or other financial instruments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. All opinions, projections and estimates constitute the judgment of the author as on the date of the report and these, plus any other information contained in the report, are subject to change without notice. Prices and availability of financial instruments are also subject to change without notice. This report is intended for distribution to institutional investors.

This report is not directed to or intended for display, downloading, printing, reproducing or for distribution to or use by, any person or entity that is a citizen or resident or located in any locality, state, country or other jurisdiction where such distribution, publication, reproduction, availability or use would be contrary to law or regulation or what would subject to SSSIL or its affiliates to any registration or licensing requirement within such jurisdiction. If this report is inadvertently sent or has reached any individual in such country, especially USA, the same may be ignored and brought to the attention of the sender. Neither this document nor any copy of it may be taken or transmitted into the United States (to U.S. persons), Canada, or Japan or distributed, directly or indirectly, in the United States or Canada or distributed or redistributed in Japan or to any resident thereof. Any unauthorized use, duplication,

redistribution or disclosure of this report including, but not limited to, redistribution by electronic mail, posting of the report on a website or page, and/or providing to a third party a link, is prohibited by law and will result in prosecution. The information contained in the report is intended solely for the recipient and may not be further distributed by the recipient to any third party.

SSSIL generally prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, SSSIL generally prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that they cover. Our salespeople, traders, and other professionals or affiliates may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein. Our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. The views expressed in this research report reflect the personal views of the analyst(s) about the subject securities or issues and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report. The compensation of the analyst who prepared this document is determined exclusively by SSSIL; however, compensation may relate to the revenues of the Systematix Group as a whole, of which investment banking, sales and trading are a part. Research analysts and sales persons of SSSIL may provide important inputs to its affiliated company(ies).

Foreign currencies denominated securities, wherever mentioned, are subject to exchange rate fluctuations which could have an adverse effect on their value or price or the income derived from them. In addition, investors in securities such as ADRs, the values of which are influenced by foreign currencies, effectively assume currency risk. SSSIL, its directors, analysts or employees do not take any responsibility, financial or otherwise, of the losses or the damages sustained due to the investments made or any action taken on the basis of this report including but not restricted to fluctuation in the prices of shares and bonds, changes in the currency rates, diminution in the NAVs, reduction in the dividend or income, etc.

SSSIL and its affiliates, officers, directors, and employees subject to the information given in the disclosures may: (a) from time to time, have long or short positions in, and buy or sell, the securities thereof, of company (ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation (financial interest) or act as a market maker in the financial instruments of the company (ies) discussed herein or act as advisor or lender / borrower to such company (ies) or have other potential material conflict of interest with respect to any recommendation and related information and opinions. The views expressed are those of the analyst and the company may or may not subscribe to the views expressed therein.

SSSIL, its affiliates and any third party involved in, or related to, computing or compiling the information hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any of this information. Without limiting any of the foregoing, in no event shall SSSIL, any of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. The company accepts no liability whatsoever for the actions of third parties. The report may provide the addresses of, or contain hyperlinks to, websites. Except to the extent to which the report refers to website material of the company, the company has not reviewed the linked site. Accessing such website or following such link through the report or the website of the company shall be at your own risk and the company shall have no liability arising out of, or in connection with, any such referenced website.

SSSIL will not be liable for any delay or any other interruption which may occur in presenting the data due to any technical glitch to present the data. In no event shall SSSIL be liable for any damages, including without limitation, direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by SSSIL through this presentation.

SSSIL or any of its other group companies or associates will not be responsible for any decisions taken on the basis of this report. Investors are advised to consult their investment and tax consultants before taking any investment decisions based on this report.



Systematix Shares and Stocks (India) Limited:

Registered and Corporate address: The Capital, A-wing, No. 603 – 606, 6th Floor, Plot No. C-70, G Block, Bandra Kurla Complex, Bandra (East), Mumbai – 400 051

CIN - U65993MH1995PLC268414 | BSE SEBI Reg. No.: INZ000171134 (Member Code: 182) | NSE SEBI Reg. No.: INZ000171134 (Member Code: 11327) | MCX SEBI Reg. No.: INZ000171134 (Member Code: 56625) | NCDEX SEBI Reg. No.: INZ000171134 (Member Code: 1281) | Depository Participant SEBI Reg. No.: IN-DP-480-2020 (DP Id: 34600) | PMS SEBI Reg. No.: INP000002692 | Research Analyst SEBI Reg. No.: INH200000840 | Investment Advisor SEBI Reg. No. INA000010414 | AMFI : ARN - 64917