

Lender is a secure cloud-based platform that alleviates the operational and analytical challenges faced by structured finance facility providers across different asset classes, including extracting, normalizing and analyzing borrower-submitted data, monitoring facility performance, identifying cross portfolio exposures and reconciling as-reported borrowing base/compliance information.

Key Benefits

- » **Improved lending execution:** Enables faster response times on borrowing requests
- » **Risk mitigation:** Provides a controlled, auditable infrastructure for managing complex warehouse facilities
- » **Better control:** Minimizes the risk of over-advancing due to inaccurate borrowing base calculations and simultaneously identifying data consistency issues across reporting periods
- » **Automation:** Provides automation for complex warehouse administration and reporting requirements
- » **Scalability:** Supports lending programs of all sizes

Data Management Module

The Data Management module is designed to address data management challenges experienced by asset securitization lenders by automating the ingestion, mapping and validation of “as-reported” asset, borrowing base and other facility information as provided by borrowers.

Module capabilities:

- » Secure web interface for borrowers to directly submit settlement statements and borrowing base reports
- » Automated extraction, transformation and normalization of information from submitted reports

- » Normalized schema to facilitate portfolio wide analysis
- » Multiple types of data tracking including asset information, compliance and trigger values
- » Documentation library to store borrower specific documents
- » Powerful reconciliation workflow to highlight and facilitate the research into data anomalies including calculations independently performed by the Facility Reconciliation Module
- » User interface for lenders to correct/update data values, enter missing data or define business validation rules on data
- » Full audit log and data APIs for data transfer of upstream/downstream systems, including feeds from your loan servicing system(s), is also available

The screenshot shows the 'ABS Lender' application interface. At the top, there are navigation tabs: 'Documents', 'Data Management', 'Analysis & Monitoring', and 'Reconciliation & Reporting'. Below the tabs, there are two main sections: 'STRUCTURED DATA' and 'SCHEMA DEFINITION'. The 'SCHEMA DEFINITION' section contains a table with the following columns: Entity, Field Name, Data Type, Validation Rule, and Description.

Entity	Field Name	Data Type	Validation Rule	Description
Asset	ID	Text	Not restricted	
Asset	Product	Text	Not restricted	
Asset	Origination Date	Date	Between 2021-01-01 and 2021-02-01	
Asset	Original Balance	Numeric	Greater than or equal to 1.2345678901234568e+24	
Asset	Balance	Numeric	Not restricted	
Asset	Term	Numeric	Not restricted	
Consumer Loan	Interest Rate	Numeric	Not restricted	
Consumer Loan	Credit Limit	Numeric	Not restricted	
Consumer Loan	Collateral Value	Numeric	Not restricted	
Consumer Loan	FICO	Numeric	Not restricted	
Consumer Loan	State	Text	Not restricted	
Consumer Loan	Zip	Text	Not restricted	
Commercial Loan	Interest Rate	Numeric	Not restricted	
Commercial Loan	Credit Limit	Numeric	Not restricted	
Commercial Loan	Collateral Value	Numeric	Not restricted	
Commercial Loan	Obligor	Text	Not restricted	
Commercial Loan	Industry	Text	Not restricted	
Equipment Lease	APR	Numeric	Not restricted	
Equipment Lease	Payment	Numeric	Not restricted	
Equipment Lease	Residual	Numeric	Not restricted	

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Monitoring & Analytics Module

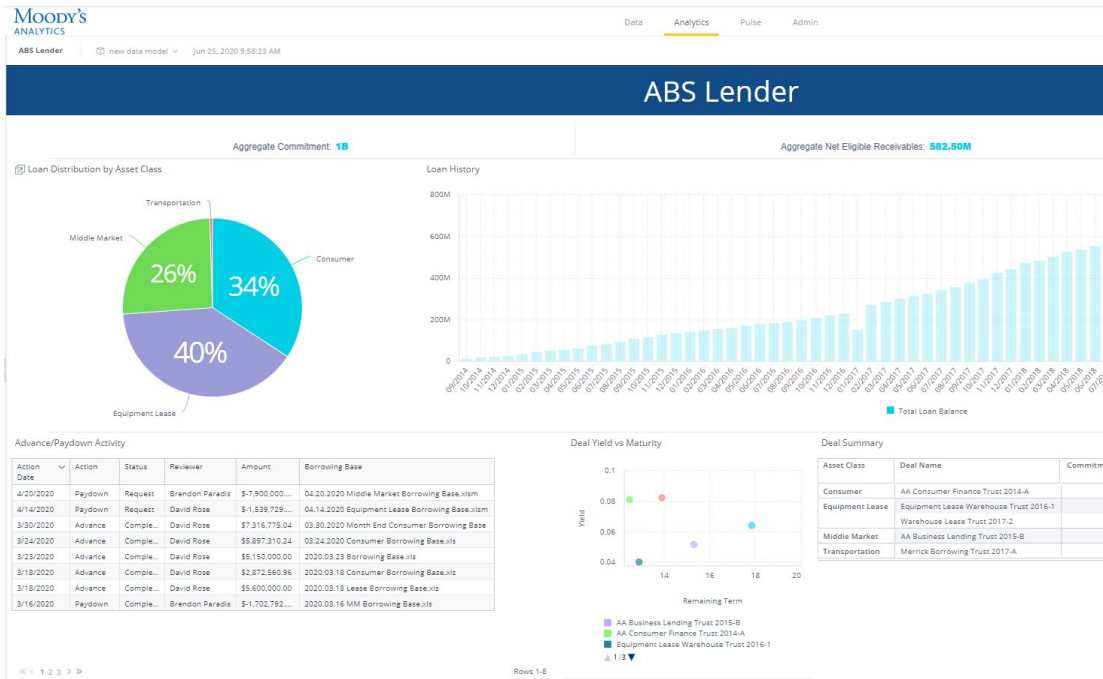
The Monitoring & Analytics module incorporates powerful analysis, monitoring and reporting tools to provide insights and actionable information throughout your organization.

Module capabilities:

- » Leverage pre-existing and user definable dynamic dashboards to perform program-wide analytics and risk exposure reporting within and across facilities
- » Access historical trends of any data fields including compliance, performance and trigger values
- » View reconciliation results comparing as reported values to those calculated by the Facility Reconciliation Module
- » Drill directly from portfolio and facility to borrower related details
- » Create and run reports for both internal and external use; automated reporting is

also available

- » Perform risk and exposure analysis on general and asset class specific characteristics



Facility Reconciliation Module

The Facility Reconciliation module automates the reconciliation of "as reported" data from borrowers with calculated information based off loan tapes. Facility Reconciliation consists of various sub-modules which enable borrowing base creation or validation, additional reporting and cash flow forecasting.

Module capabilities:

- » **Insight:**
 - Perform powerful loan-level analytics within and across facilities
 - Establish user-defined calculations and data aggregations
 - Enhanced automated reporting capabilities
- » **Funding:**
 - Establish compliance and eligibility criteria, advance rates and other aspects of the borrowing base
 - Reconcile borrower "as reported" results and/or generate primary reports on behalf of borrowers

- Run hypothetical scenarios prior to providing funding

» **Waterfall:**

- Establish facility priority of payments to satisfy the reporting requirements of investor syndicates, commercial paper conduits and more

» **Forecast:**

- User-defined prepayment, loss, delinquency and other assumptions
- Run and review multiple scenarios and the associated collateral amortization
- Run pricing and other scenarios in conjunction with “Waterfall” to see the impact of liability side of the facility

The screenshot displays the Moody's Analytics Lender interface for an 'Equipment Lease Warehouse Trust 2016-1'. The main view is divided into three primary sections: Reports, Waterfall Distributions, and Exclusions.

Equipment Lease Warehouse Trust 2016-1 Reports

Report Date	Latest Contract or Amendment	Commitment Termination Date	Commitment Amount	Compliance	Ramp Up	Unused Fees	Loan Balance	Advance Rate	Pool Balance
05/03/20	6/13/19	6/12/20	250M	In Compliance	No	\$20,650.95	\$150,875,422.00	90.00%	\$167,639,357.78
04/02/20	6/13/19	6/12/20	250M	In Compliance	No	\$20,219.07	\$152,948,475.00	90.00%	\$169,342,750.00
03/02/20	6/13/19	6/12/20	250M	In Compliance	No	\$19,907.29	\$154,449,582.00	90.00%	\$171,405,991.11
02/02/20	6/13/19	6/12/20	250M	In Compliance	No	\$19,621.36	\$156,097,209.00	90.00%	\$173,063,832.33
01/02/20	6/13/19	6/12/20	250M	In Compliance	No	\$20,832.85	\$150,002,343.00	90.00%	\$166,569,170.00
12/01/19	6/13/19	6/12/20	250M	In Compliance	No	\$21,592.79	\$146,354,621.00	90.00%	\$162,612,245.56
11/01/19	6/13/19	6/12/20	250M	In Compliance	No	\$22,362.05	\$141,702,150.00	90.00%	\$157,446,833.33
10/01/19	6/13/19	6/12/20	250M	In Compliance	No	\$23,007.29	\$138,684,032.00	90.00%	\$161,871,146.67
09/01/19	6/13/19	6/12/20	250M	In Compliance	No	\$24,859.38	\$130,474,963.00	90.00%	\$145,194,392.22
08/01/19	6/13/19	6/12/20	250M	In Compliance	No	\$25,479.69	\$126,742,309.00	90.00%	\$140,824,787.78
07/01/19	6/13/19	6/12/20	250M	In Compliance	No	\$27,138.70	\$119,734,239.00	90.00%	\$133,038,043.33
06/01/19	6/13/19	6/12/20	250M	In Compliance	No	\$29,078.32	\$110,424,943.00	90.00%	\$122,499,381.11

Waterfall Distributions

Priority	Payee	Description	Due Amount	Distribution
1	Administrative Agent	Lender Expenses	\$0.00	\$0.00
2	Borrower 2	Unreimbursed Servicer Advances	\$0.00	\$0.00
3	Servicer	Servicer Fees and Expenses	\$76,307.50	\$76,307.50
4	Backup Servicer and Verification Agent	Fees and Expenses	\$0.00	\$0.00
5	Hedging Counterparty	Amounts due under Hedging Agreement	\$0.00	\$0.00
6	Administrative Agent	Interest and Fees	\$166,172.97	\$166,172.97
7	Administrative Agent	Principal prepayments in event of BB Default	\$0.00	\$0.00
8	Operating Account and Admin Agent	Administrative Payments	\$3,728,713.49	\$3,728,713.49
9	Administrative Agent	Principal prepayments in an event of Default	\$0.00	\$0.00
10	Administrative Agent	Reserve Deposit Amount	\$0.00	\$0.00
11	Backup Servicer and Verification Agent	Fees and Expenses not paid in (iv)	\$0.00	\$0.00
12	Servicer, Verification Agent, Backup Servicer and Administrative Agent	All other amounts due under this agreement	\$0.00	\$0.00
13	Hedging Counterparty	Amounts due under Hedging Agreement not paid in (iv)	\$0.00	\$0.00
14	Administrative Agent	Prepay principal	\$0.00	\$0.00
15	Residual Accounts	N/A	\$0.00	\$0.00
16	Operating Account and Admin Agent	All remaining amounts	\$1,037,327.51	\$1,037,327.51

Exclusions

Category	Description	Limit...	Limit Type...	Actual	Compliance
Early Amortization	3 Month Rolling Average of Net Loss Ratio of all Contracts	4.50%	Max	0.00%	In Compliance
	All other Revolving Period Termination Events (Pursuant to Definition in Secured Loan Agreement)	N/A	N/A	Yes	In Compliance
	Delinquency Ratio - Borrower: 3 Month Rolling Average of 90 Day Delinquency Ratio	2.25%	Max	0.00%	In Compliance

Compliance

Criterion	Exclusion Type	Concentration	Total Balance Limit	Total Actual	Total Exclusion Balance
121+ Days Past Due	Ineligible	N/A	0	0	0
Contracts w/ Part Frequency less than Monthly	Concentration	5.00%	4,654,768.73	0	0
Contracts w/ Remaining Term > 63 months	Concentration	20.0%	18,419,074.94	11,207,251.73	0
Contracts w/ Residual	Concentration	5.00%	4,654,768.73	68,770	0
Contracts w/ Residual > 20% of Equipment Cost	Concentration	5.00%	4,654,768.73	0	0
Contracts w/o Original Documents	Concentration	10.0%	9,209,537.47	107,381.43	0



CONTACT US

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