



# Portfolio Analysis Entity Diagram



Compatible Releases:

The contents of this document is intended for the use of our customers only and is not intended for distribution to those individuals who do not have a need to know to do their job.

©McCracken Financial Solutions Corp.

8 Suburban Park Drive  
Billerica, MA 01821-3903  
(978) 439-9000 Main  
(908) 439-9068 Fax  
[www.mccrackenfs.com](http://www.mccrackenfs.com)

---

## Contents

Bubbles – Entity Relationships in Strategy Entity Diagram.....	5
Starting with a Search.....	6
Important Items to Consider .....	14



## Bubbles – Entity Relationships in Strategy Entity Diagram

Using Portfolio Analysis users can access a graphical representation of a loan or entity. The feature includes the ability to drill down to see relationships with other entities (Borrowers and Guarantors), collaterals, investors, and associated loans.

Open Portfolio Analysis to access the Entity Diagram.

**NOTE:** As of Release 20, Portfolio Analysis opens in a new Window. This is the preferred view for Portfolio Analysis

To access the Entity Diagram, start with the Portfolio Analysis Super Search.



You can enter a loan number, an entity, or an investor.

## Starting with a Search

Enter a Name, Loan Number, or Investor. Click the magnifying glass to perform the search.

If the entered value is found, the Record Type, Name Information, Commitment, and Current Principal Balance, and Available Amount are displayed.

The screenshot shows a search interface with a search bar containing 'Opa' and a magnifying glass icon. To the right of the search bar are two checkboxes: 'Top Exposures' and 'Show Relationships owned by any Group'. Below the search bar is a table with the following columns: Type, Name information, Commitment, Current Principal Balance, and Available. The table contains five rows of data.

Type	Name information	Commitment	Current Principal Balance	Available
Name	Opal Management Company	120,000,000	112,247,249	6,764,500
Tranche	Acct #: 750078520, Customer Short Name: Opal Manageme, Formatted Name 1: Opal Management Company	38,500,000	47,739,815	
Tranche	Acct #: 750078521, Customer Short Name: Opal Manageme, Formatted Name 1: Opal Management Company	41,000,000	34,198,143	
Tranche	Acct #: 750078522, Customer Short Name: Opal Manageme, Formatted Name 1: Opal Management Company	35,735,500	30,309,291	
MCA	Opal, Primary: Opal Management Company	120,000,000	112,247,249	6,764,500

1- PERFORMED AN ENTITY SEARCH FOR OPA - RESULT SET INCLUDES A NAME RECORD FOR OPAL MANAGEMENT COMPANY

Click the line in the search result grid the is a Name record. The grid expands to display Details for the Selected Name and buttons display above the grid.

The screenshot shows the 'Details for Selected Name' view. At the top, there is a section for 'Selected name' (Opal Management Company) and 'Tax ID' (\*\*\*\*\*). To the right of this section is a box showing 'Total Items: 5' and a breakdown: Loans: 0, MCAs: 1, CFs: 1, Tranches: 3. Below this section are three buttons: 'Export to Spreadsheet', 'Show Role Filters', 'Show Sub-role Filters', and 'View Entity Diagram'. Below the buttons is a table with the following columns: Type, Account Number, Customer Short Name, CF Number, Commitment, Current Principal Balance, Available, Liability %, Liability Amount, Role, and Subrole. The table contains five rows of data.

Type	Account Number	Customer Short Name	CF Number	Commitment	Current Principal Balance	Available	Liability %	Liability Amount	Role	Subrole
MCA	5678			120,000,000.00	112,247,249.34	6,764,500.00			BORROWER	
CF	5678		1	120,000,000.00	112,247,249.34	6,764,500.00			N/A	
Tranche	750078520	Opal Manageme	1	120,000,000.00	47,739,815.37				BORROWER	
Tranche	750078521	Opal Manageme	1	120,000,000.00	34,198,142.99				BORROWER	
Tranche	750078522	Opal Manageme	1	120,000,000.00	30,309,290.98				BORROWER	

2- SELECTING THE OPAL MANAGEMENT COMPANY NAME RECORD OPENS THE DETAILS FOR SELECTED NAME

[Show Role Filters](#)
[Show Sub-role Filters](#)
[View Entity Diagram](#)

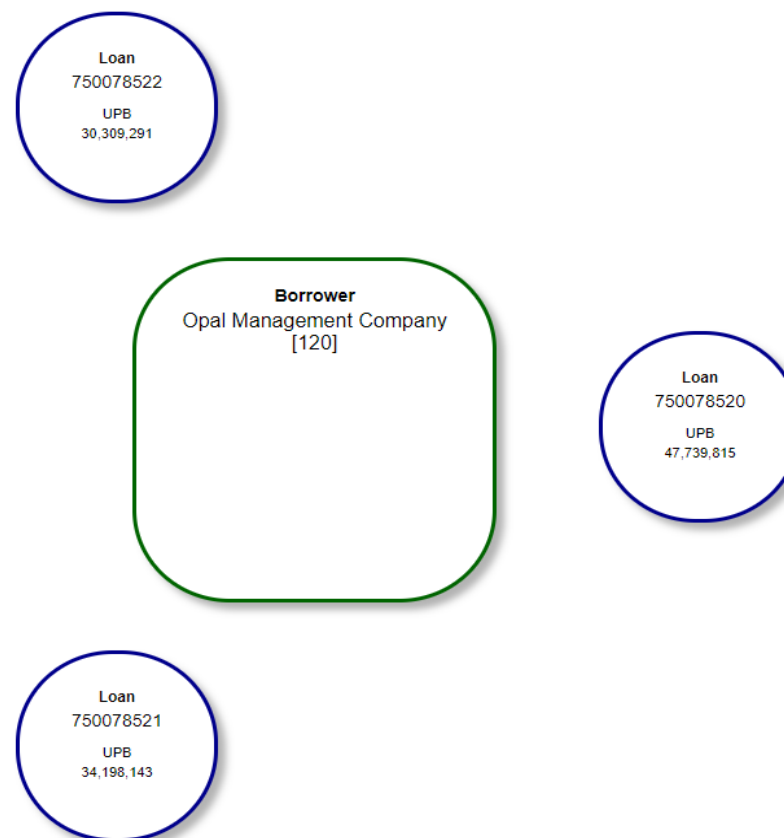
Clicking the View Entity Diagram displays a graphical representation of the loan you entered in the Super Search field.

The Borrower appears in the center of the diagram and is surrounded by any loan in the Strategy database that is associated to the active Name in the center of the diagram.

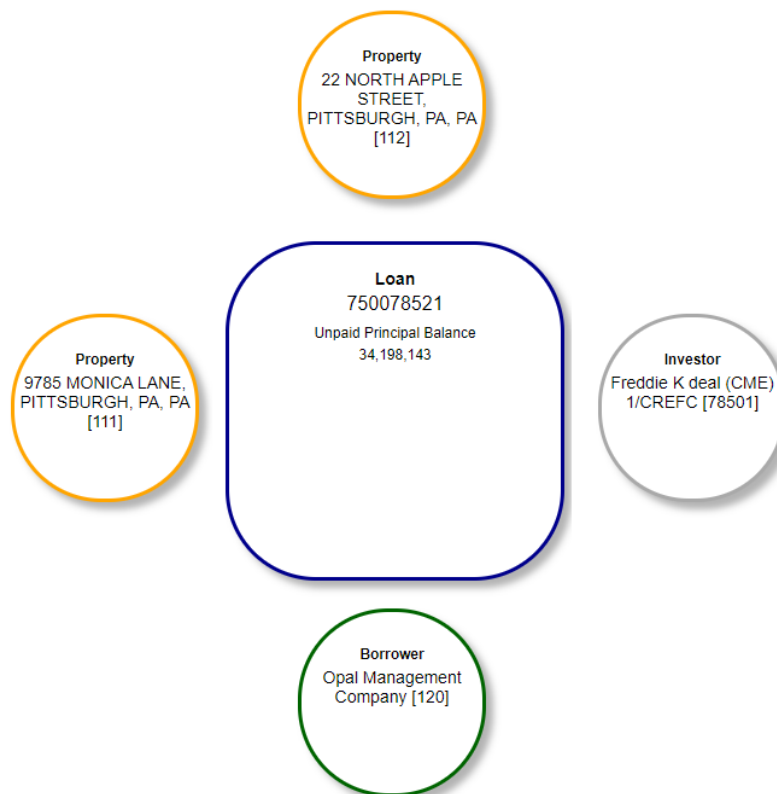
[Return to Name Details](#)

Clicking Return to Name Details takes the User back to the Relationship Tracking screen displaying the Name Details.

Clicking any of the Loans orbiting the Borrower changes the view to display the Loan in the center and any associated Borrowers, Investors, and Properties associated with the Loan.



[Return to Name Details](#)



**Rel+**

0 relationship entities stored



[Return to Name Details](#)

Relationship Tracking

Clicking a bubble in the drawing changes the drawing to show associations with that bubble. For example, clicking the Investor bubble on the original loan, now centers the Investor, and all loans that the investor is participating in are now displayed.

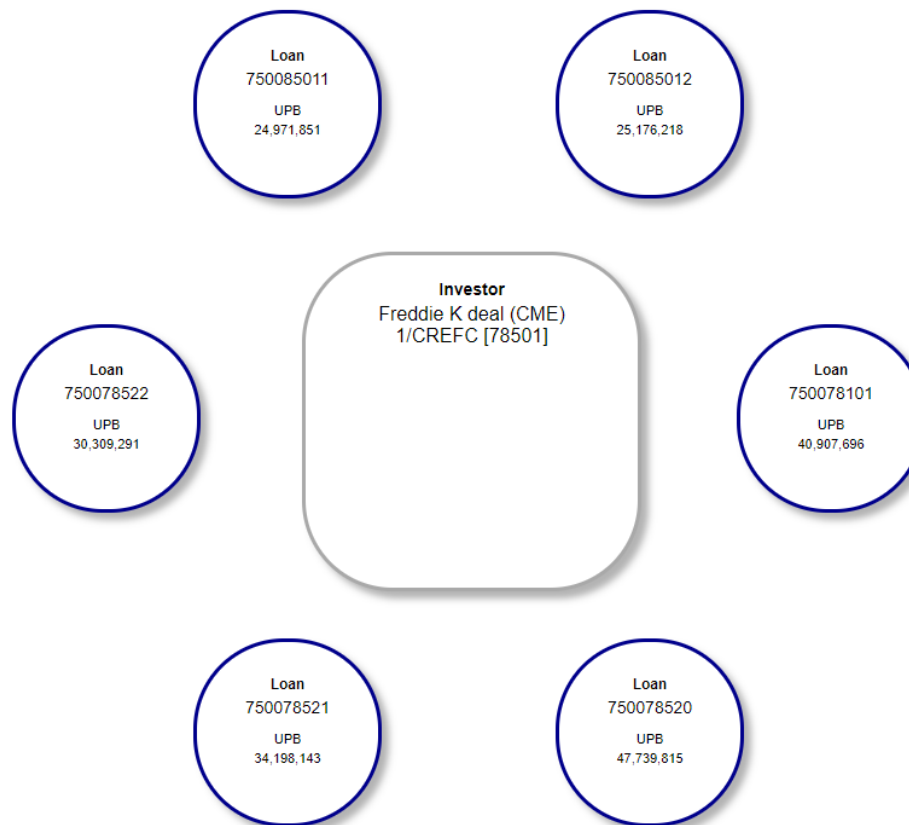
#### *Paging Buttons*

If more than 11 bubbles need to be displayed, Paging buttons will display in the top left corner of the entity screen.

#### *Return to Loan Details*

#### *Return to Name Details*

When you are done with the Entity Diagram, click the Return to (Loan/Name) Details to return to the Portfolio Analysis, Relationship Tracking / Search Result screen. (Return to label will reflect type of search done)



[Rel+](#) New named relationship.

[Clear](#)

[View](#)

0 relationship entities stored

### Details for Selected Investor

Selected Investor	First National Bank	Total Items: 133
Tax ID	UNKNOWN	Loans: 133
Address	D2 Inv 100 External loans 15 State Street Boston, MA 02109	Tranches: 0



Show Role Filters

Show Sub-role Filters

View Entity Diagram

<< < 1..25 of 137 > >>

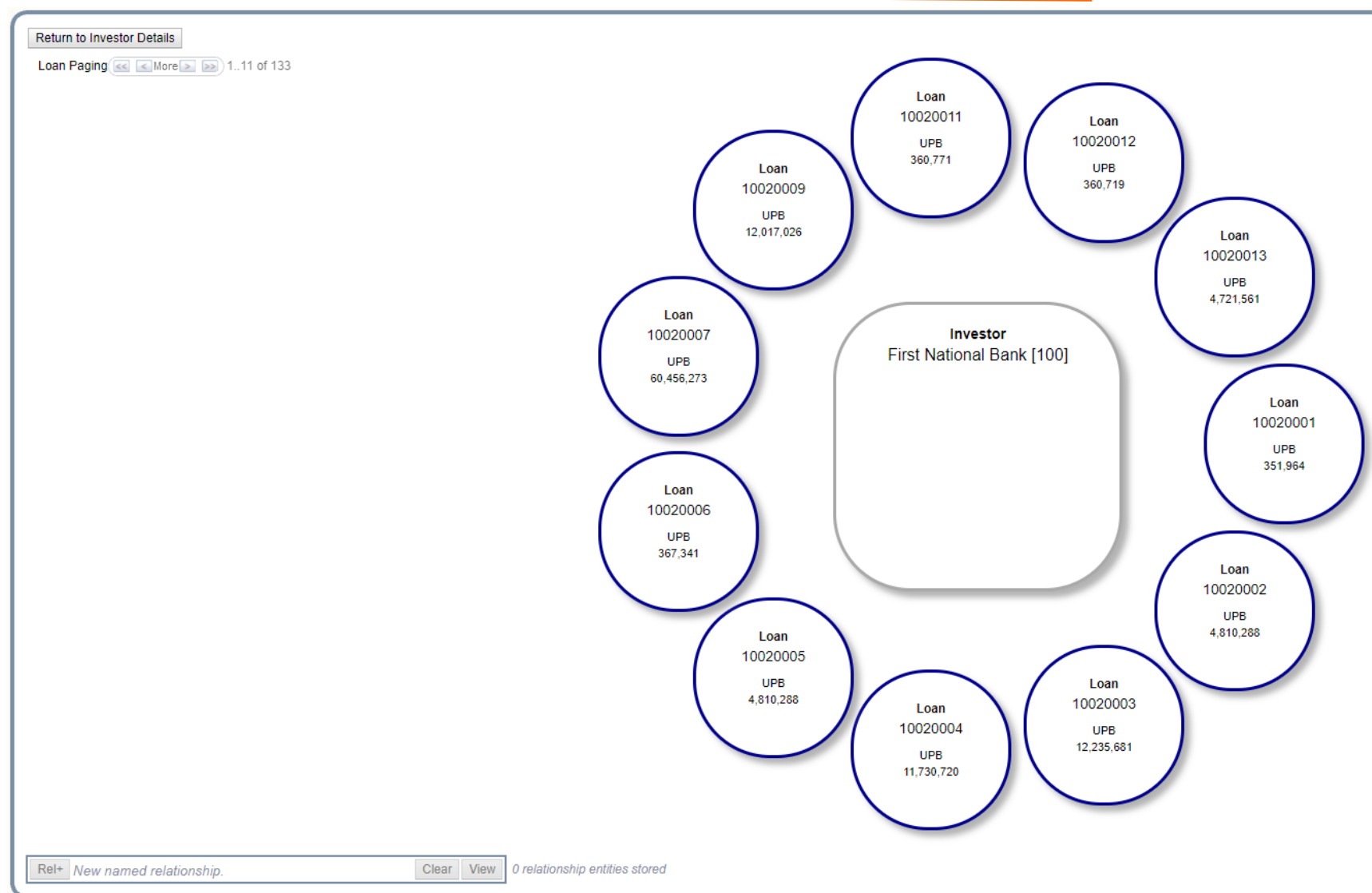
<input type="checkbox"/>	Type	Account Number	Customer Short Name	CF Number	Commitment	Current Principal Balance	Available	Name	Liability %	Liability Amount	Role	Subrole
<input type="checkbox"/>	Loan	10020001	Eastern Real		750,000.00	351,963.76		Premier Development			GUARANTOR	
<input type="checkbox"/>	Loan	10020001	Eastern Real		750,000.00	351,963.76		Eastern Medical Practice, PC			CO-BORROWER	
<input type="checkbox"/>	Loan	10020001	Eastern Real		750,000.00	351,963.76		Eastern Real Estate Properties, Inc.			BORROWER	
<input type="checkbox"/>	Loan	10020002	Harper, Lane		10,000,000.00	4,810,288.20		Harper, Lane & Jackson, Inc			BORROWER	
<input type="checkbox"/>	Loan	10020003	Northern Real		25,000,000.00	12,235,681.41		Lowe Real Estate Venture Inc				
<input type="checkbox"/>	Loan	10020003	Northern Real		25,000,000.00	12,235,681.41		Northern Real Estate Properties, Inc			BORROWER	
<input type="checkbox"/>	Loan	10020004	Application P		25,000,000.00	11,730,720.32		Application Power Tools			BORROWER	
<input type="checkbox"/>	Loan	10020005	ABC Construct		10,000,000.00	4,810,288.20		ABC Construction			BORROWER	
<input type="checkbox"/>	Loan	10020006	Integrated So		750,000.00	367,340.65		Integrated Software			BORROWER	
<input type="checkbox"/>	Loan	10020007	Solar Aerosof		125,000,000.00	60,456,272.82		Solar Aerosoft			BORROWER	
<input type="checkbox"/>	Loan	10020008	Applied Broad		10,000,000.00	4,696,502.54		Applied Broadcast Entertainment			BORROWER	
<input type="checkbox"/>	Loan	10020009	Parks Electri		25,000,000.00	12,017,025.78		Parks Electric Manufacturing			BORROWER	
<input type="checkbox"/>	Loan	10020011	Personal Equi		750,000.00	360,771.48		Personal Equity Medical			BORROWER	
<input type="checkbox"/>	Loan	10020012	Spencer Inter		750,000.00	360,719.28		Spencer International Mutual			BORROWER	
<input type="checkbox"/>	Loan	10020013	Stone Radioco		10,000,000.00	4,721,561.32		Stone Radiocorporation			BORROWER	
<input type="checkbox"/>	Loan	10020014	Transportatio		25,000,000.00	12,020,574.18		Transportation Research			BORROWER	
<input type="checkbox"/>	Loan	10020015	American Ente		25,000,000.00	12,018,831.04		American Entertainment			BORROWER	
<input type="checkbox"/>	Loan	10020016	Intl Biosoft		10,000,000.00	4,810,288.20		International Biosoft			BORROWER	
<input type="checkbox"/>	Loan	10020017	Quality Const		750,000.00	360,719.28		Quality Construction			BORROWER	
<input type="checkbox"/>	Loan	10020018	Porter Nurser		10,000,000.00	4,632,727.54		Porter Nursery			BORROWER	
<input type="checkbox"/>	Loan	10020019	Archer & Bolt		750,000.00	360,829.09		Main Street Auto			BORROWER	
<input type="checkbox"/>	Loan	10020020	Peck Logistic		25,000,000.00	12,020,744.18		Peck Logistics			BORROWER	
<input type="checkbox"/>	Loan	10020021	Turner Indust		10,000,000.00	4,692,838.98		Turner Industries			BORROWER	
<input type="checkbox"/>	Loan	10020022	Medical Parag		125,000,000.00	60,918,104.73		Medical Paragon Digital			BORROWER	
<input type="checkbox"/>	Loan	10020023	Weaver Inc.		750,000.00	367,132.39		Weaver Inc.			BORROWER	

Rel+ New named relationship.

Clear

View

0 relationship entities stored

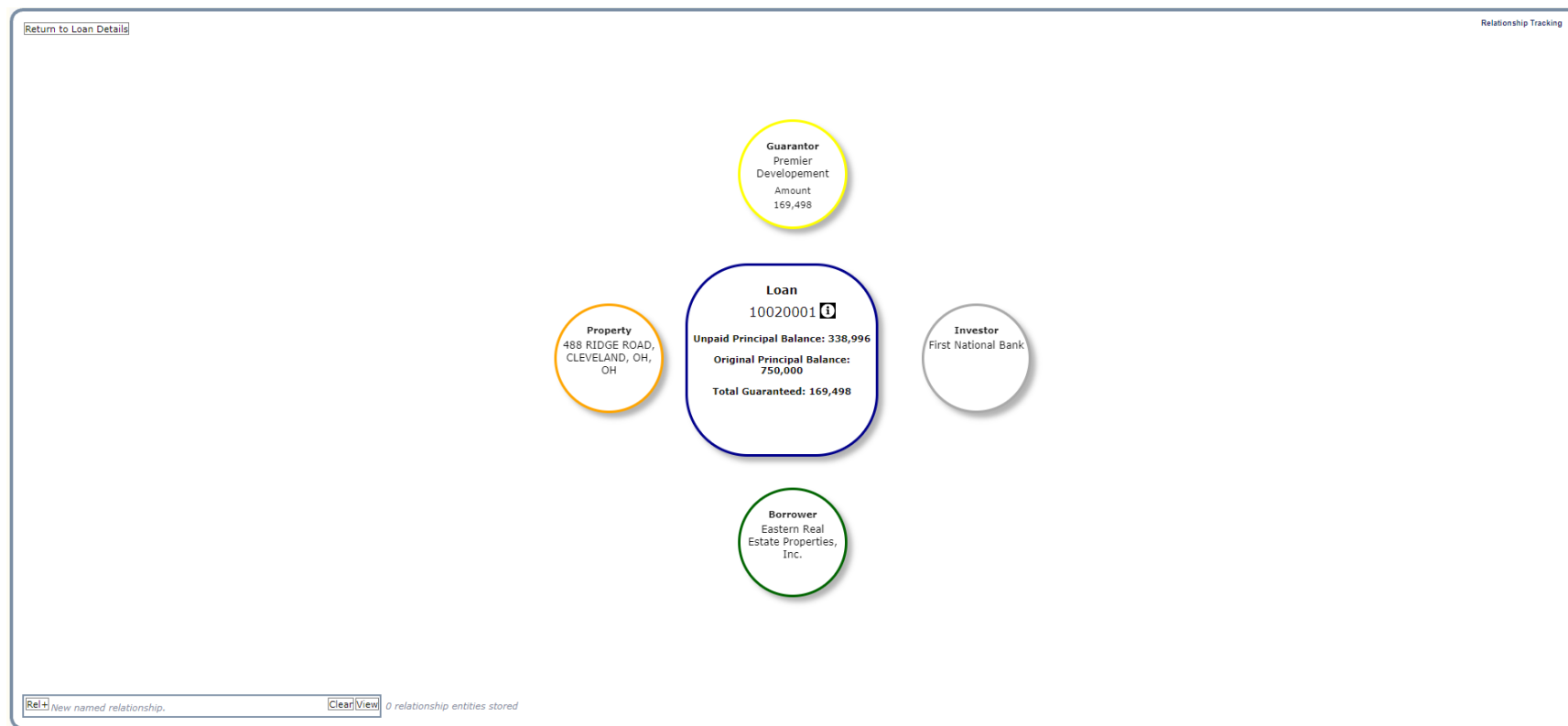


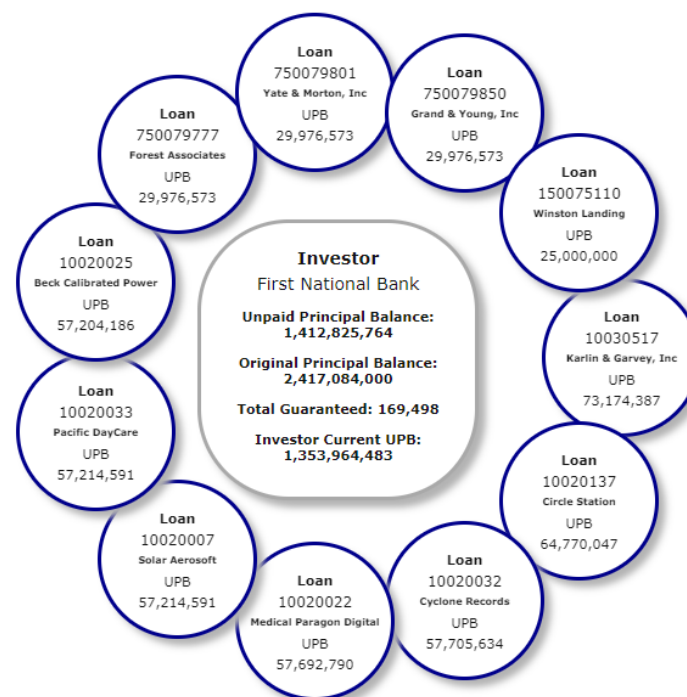
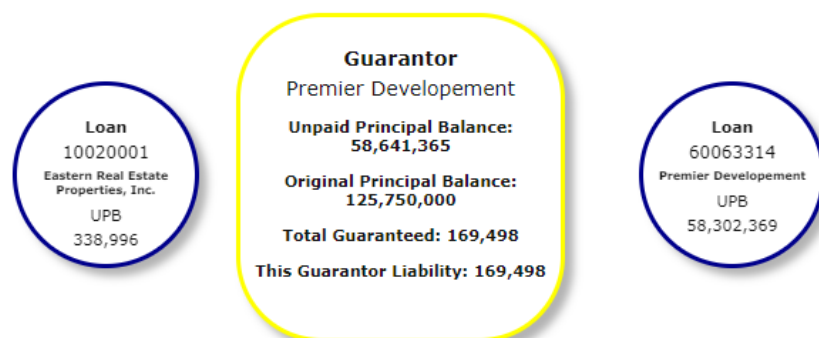
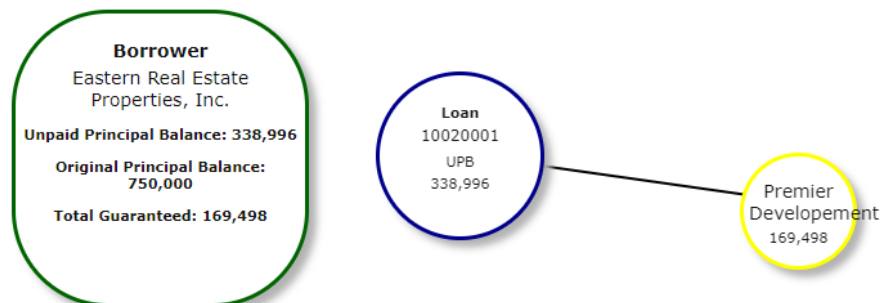
Eleven loans that Investor 100 is at least part owner display around the Investor in the center. Loan paging buttons appear in the upper left of the page below the Return to (Investor) Details to access the remaining 122 loans of the 133 total loans, 11 loans per screen.

## Guarantors

The Entity diagram now displays Guarantors off Loan Bubbles when the Loan, Borrower, or Property is center bubble.

The Original Principal Balance, Original Principal Balance, and Total Guaranteed have been added to the Loan, Property, Investor, and Borrower center bubbles.





---

## Important Items to Consider

The entity diagram will only display the loans that have an active status in Loan Administration.

---

Technical Note: Active Status [PMASTR/CMASC = 'Y' – The last field in the Processing box (bottom of the right column) on the Processing Info panel, Loan Administration>Master Info tab].

---

When looking at loans associated with a specific Investor (The Investor bubble is in the center of the Entity Diagram), only loans where the Investor has a current balance greater than zero will display.

---

Technical Note: [PIMST/IMCBAL > 0. This field displays on the Investor Master tab, top field in the right column of the Investor Master panel].

---