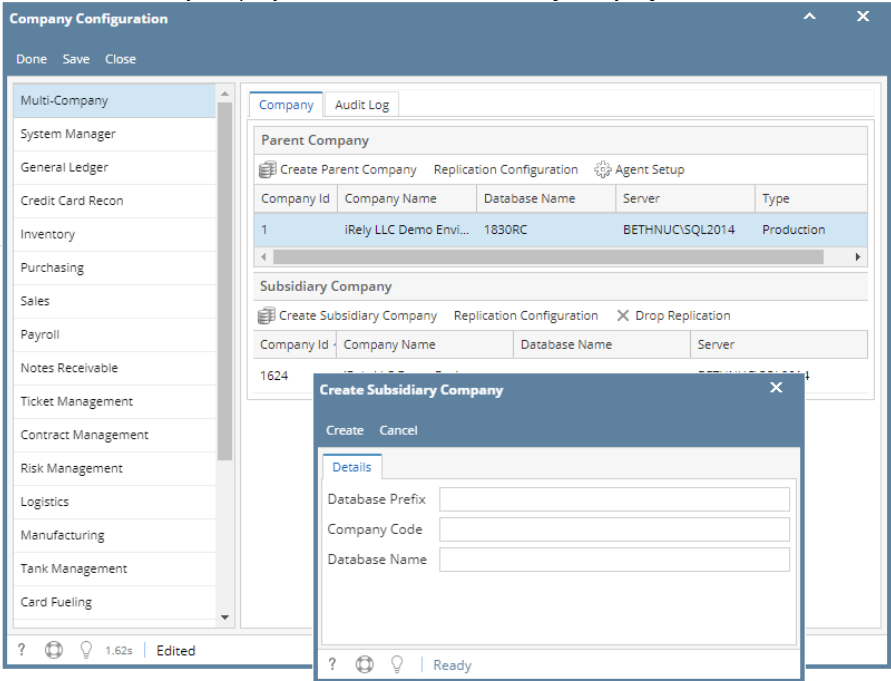


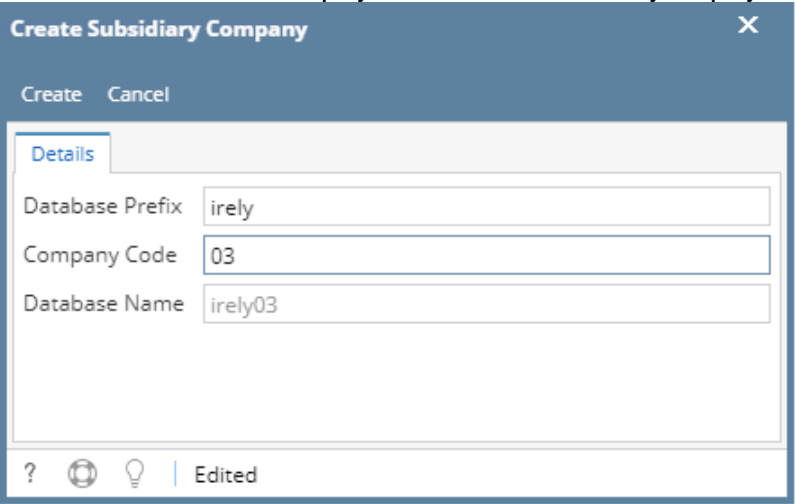
How to Setup Multi-Company Replication

Multi-Company is the ability to create subsidiary companies within a parent company or the original company.

- 1. Login as an Administrator
- 2. On the user's menu panel, open System Manager menu then Company Configuration
- 3. Multi-company can be setup in the Company panel
 - a. Note:The **Create Parent Company** button creates a copy of the original company database or a fresh company. To view the steps on how to create a parent company database see [How to Create a Parent Company](#)
- 4. To create a Subsidiary company click on the **Create Subsidiary Company** button

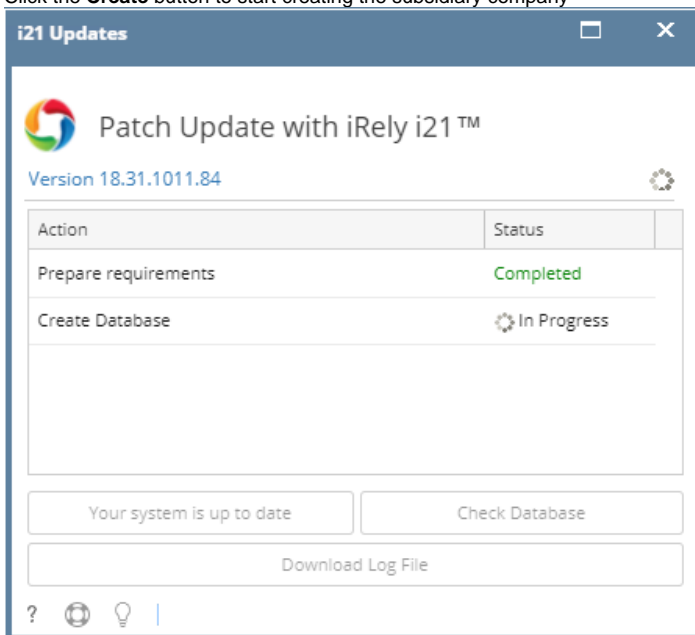


- 5. Enter the **Database Prefix** and **Company Code** on the **Create Subsidiary Company** screen:

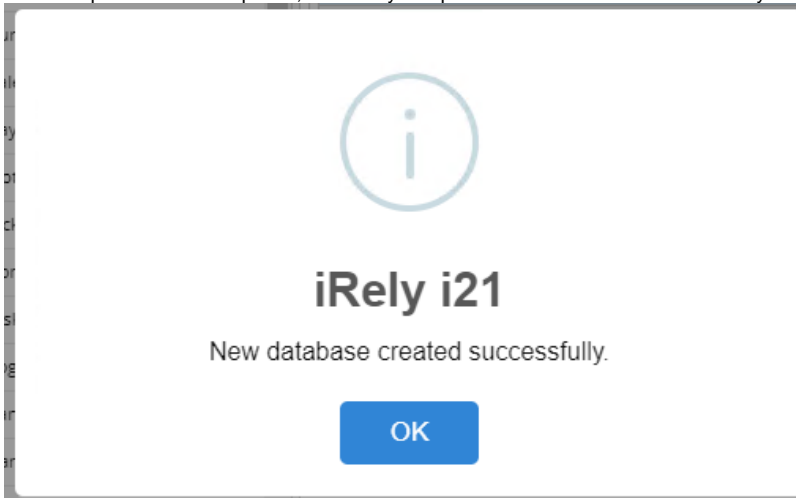


Field	Description
Database Prefix	Database Prefix
Company Code	Must be unique. Ex. 01, 02, 03 etc. Note that this field only accepts numeric characters.
Database Name	A read-only field that displays the combined Database Prefix and Company Code that will be the complete database name

6. Click the **Create** button to start creating the subsidiary company



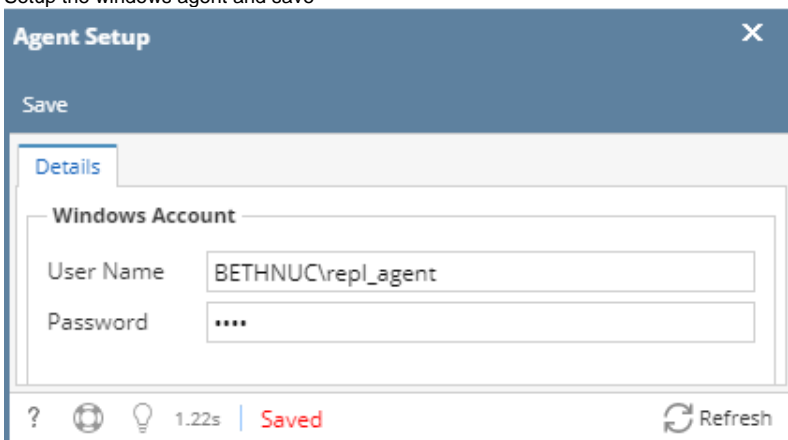
7. Once the process has completed, subsidiary companies will be listed in the Subsidiary Company panel



8. The new subsidiary company database will be automatically added to the web.config of i21

Configure Replication:

1. Setup the windows agent and save



2. Click the **Replication Configuration** button for the Parent Company

The image shows two overlapping software windows. The background window is 'Company Configuration' with a sidebar menu and a main area showing 'Parent Company' settings. The foreground window is 'Replication Configuration', which has a 'Details' tab selected. It contains a table of modules to be replicated from the parent to the subsidiary.

Company Configuration

Done Save Close

Multi-Company System Manager General Ledger Credit Card Recon Inventory Purchasing Sales Payroll Notes Receivable Ticket Management Contract Management Risk Management Logistics Manufacturing Tank Management Card Fueling

Company Audit Log

Parent Company

Create Parent Company Replication Configuration Agent Setup

Company Id	Company Name	Database Name	Server	Type
1	iRely LLC Data Env...	1830RC	BETHNUC\SQL2014	Production

Replication Configuration

Save Undo Commit Close

Details

Replication for Parent to Subsidiary

☒ Select All ☐ Clear All Export View Filter (F3)

Module Name*	Screen Name*	Enabled
Manufacturing	Recipe, Machine, Manufacturing Process, Manufac...	<input checked="" type="checkbox"/>
Scale	Scale Station, Ticket Pool, Truck/Driver/Reference, ...	<input checked="" type="checkbox"/>
Quality	Quality Parameters	<input checked="" type="checkbox"/>
Logistics	Warehouse Rate Matrix	<input checked="" type="checkbox"/>
Logistics	Terminals	<input checked="" type="checkbox"/>
Logistics	Shipping Mode	<input checked="" type="checkbox"/>
Logistics	Shipping Lines	<input checked="" type="checkbox"/>
Logistics	Reason Code	<input checked="" type="checkbox"/>
Logistics	Insurers	<input checked="" type="checkbox"/>
Logistics	Forwarding Agents	<input checked="" type="checkbox"/>
Logistics	Equipment Types	<input checked="" type="checkbox"/>
Logistics	Container Types	<input checked="" type="checkbox"/>
Risk Management	Basis Entry	<input checked="" type="checkbox"/>

? 0.82s Refresh

Replication Progress

Details

Action	Status
Setting replication option	Completed
Configure Log Reader	Completed
Setting Publication	Completed
Setting Article	In Progress
Add Publication snapshot	
Configure Initial snapshot	
Add Initial snapshot subscription	
Add subscription	
Add Push subscription	
Setting Company Id	
Starting snapshot	

? 0.42s Ready



iRely i21

Replication configured successfully

OK

3. Click the **Replication Configuration** button for the Subsidiary Company

The screenshot shows the 'Company Configuration' window with the 'Multi-Company' tab selected. The 'Subsidiary Company' section is active, showing a table with the following data:

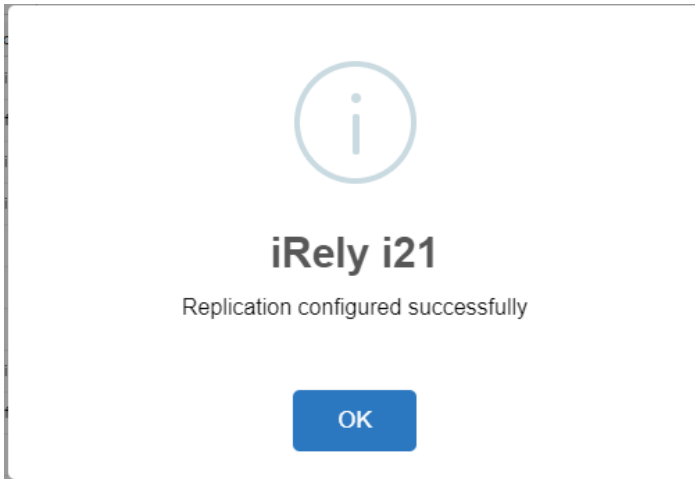
Company Id	Company Name	Database Name	Server	Type
1	IRely LLC Demo Envi...	1830RC	BETHNUC/SQL2014	Production

The 'Replication Configuration' window is open, showing the 'Details' tab. The 'Replication for Subsidiary to Parent' section is active, showing a table with the following data:

Module Name	Screen Name	Enabled
Manufacturing	Blend production, Process production, FG Product...	<input checked="" type="checkbox"/>
Scale	Scale Transaction	<input checked="" type="checkbox"/>
General Ledger	Transaction	<input checked="" type="checkbox"/>
Risk Management	Sample Entry	<input checked="" type="checkbox"/>
Risk Management	RM Derivative Entry, RM Assign Derivative, RM Ma...	<input checked="" type="checkbox"/>
Sales	Invoices	<input checked="" type="checkbox"/>
Purchasing	Vouchers	<input checked="" type="checkbox"/>
Inventory	Inventory Valuation	<input checked="" type="checkbox"/>
Inventory	Inventory Count	<input checked="" type="checkbox"/>
Inventory	Inventory Adjustment	<input checked="" type="checkbox"/>
Inventory	Inventory Transfers	<input checked="" type="checkbox"/>

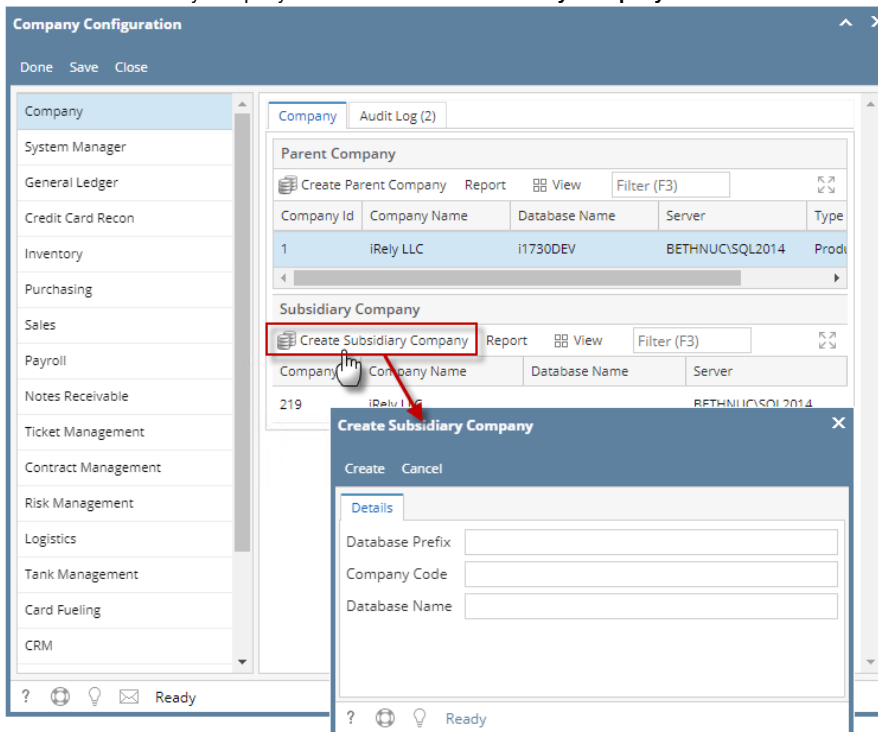
The 'Replication Progress' window is open, showing the 'Details' tab. The table shows the progress of the replication process:

Action	Status
Setting replication option	Completed
Configure Log Reader	Completed
Setting Publication	Completed
Setting Article	In Progress
Add Publication snapshot	
Add subscription	
Add Push subscription	
Setting Company Id	
Configure Initial snapshot	
Add Initial snapshot subscription	
Starting snapshot	

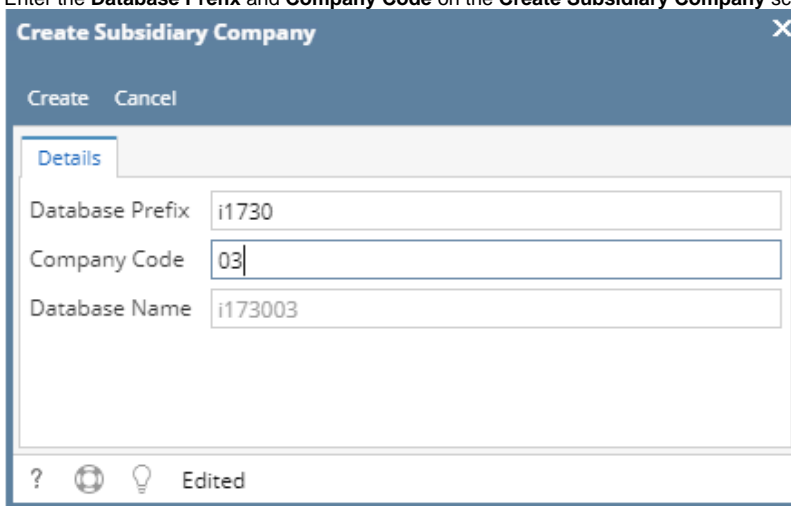


4.

1. Login as an Administrator
2. On the user's menu panel, open System Manager menu then Company Configuration
3. Multi-company can be setup in the Company panel
 - a. Note: The **Create Parent Company** button creates a copy of the original company database or a fresh company. To view the steps on how to create a parent company database see [How to Create a Parent Company](#)
4. To create a Subsidiary company click on the **Create Subsidiary Company** button



5. Enter the **Database Prefix** and **Company Code** on the **Create Subsidiary Company** screen:



Create Subsidiary Company

Create Cancel

Details

Database Prefix i1730

Company Code 03


Database Name i173003

? ? ? Edited


Field	Description
Database Prefix	Database Prefix
Company Code	Must be unique. Ex. 01, 02, 03 etc. Note that this field only accepts numeric characters.
Database Name	A read-only field that displays the combined Database Prefix and Company Code that will be the complete database name


6. Click the **Create** button to start creating the subsidiary company
7. The Patch Update screen will open, showing the process:
- Creating the Database
 - Syncing SM tables from Parent to Subsidiary
 - Syncing EM tables from Parent to Subsidiary
 - Syncing GL tables from Parent to Subsidiary
 - Syncing Customers from Parent to Subsidiary
 - Syncing Vendors from Parent to Subsidiary
 - Syncing Other files from Parent to Subsidiary
 - Syncing Multi-company from Parent to Subsidiary

i21 Updates

 Patch Update with iRely i21™

[Version 17.32.1106.171](#)




Action	Status
Prepare requirements	Completed
Create Database	 In Progress


Your system is up to date

Check Database


Download Log File

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i21 Updates

 Patch Update with iRely i21™

[Version 17.32.1106.171](#)




Action	Status
Prepare Database	Completed
System Manager	Completed
Entity	Completed
GeneralLedger	 In Progress
Customer	


Your system is up to date

Check Database

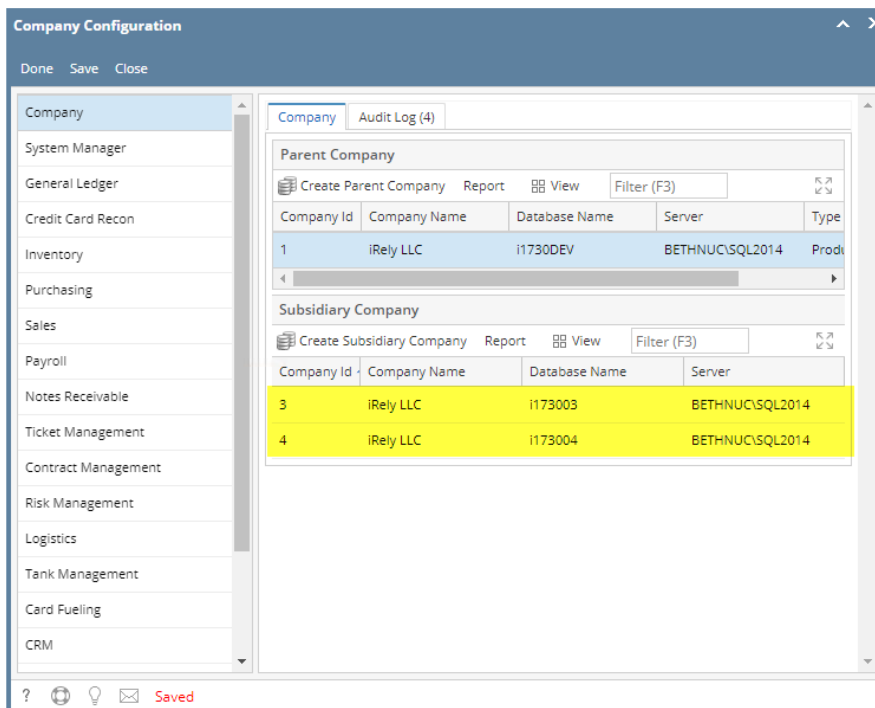
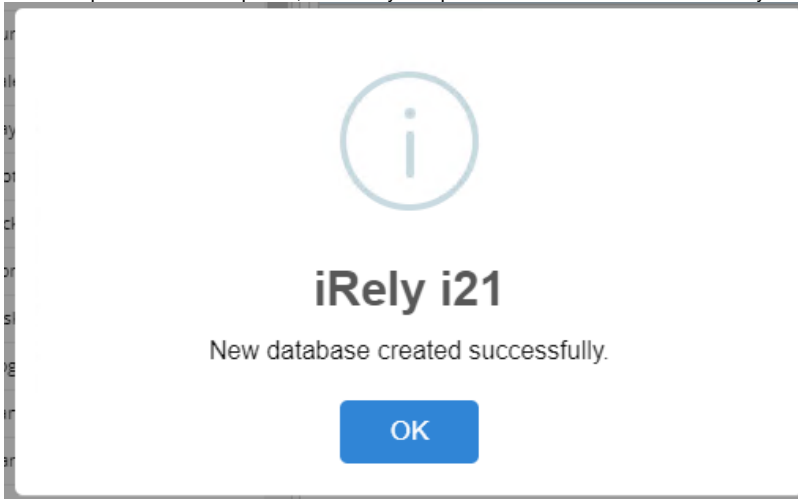
Download Log File

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8. Once the process has completed, subsidiary companies will be listed in the Subsidiary Company panel



9. The new subsidiary company database will be automatically added to the web.config of i21
10. Login on subsidiary company. Note that we will need a new License for the subsidiary company.
11. When a user adds/edits/deletes a record from the subsidiary company and saves it, it will be saved in the parent company first, then the parent company will then sync the changes to all of its subsidiary companies.
- Here are the list of items that can be synced:
 - User Profile
 - Favorites
 - User Roles
 - Security Policies
 - User Entity
 - Ship Via Entity
 - Customer Entity
 - Vendor Entity
 - Employee Entity