



Infor LN
Configuration Guide for
In-Context BI

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About this Guide

This document provides requirements and instructions to configure In-Context BI for use with your product. Refer to the *Configuration Guide for Infor Ming.le* for the standard In-Context installation.

Contacting Infor

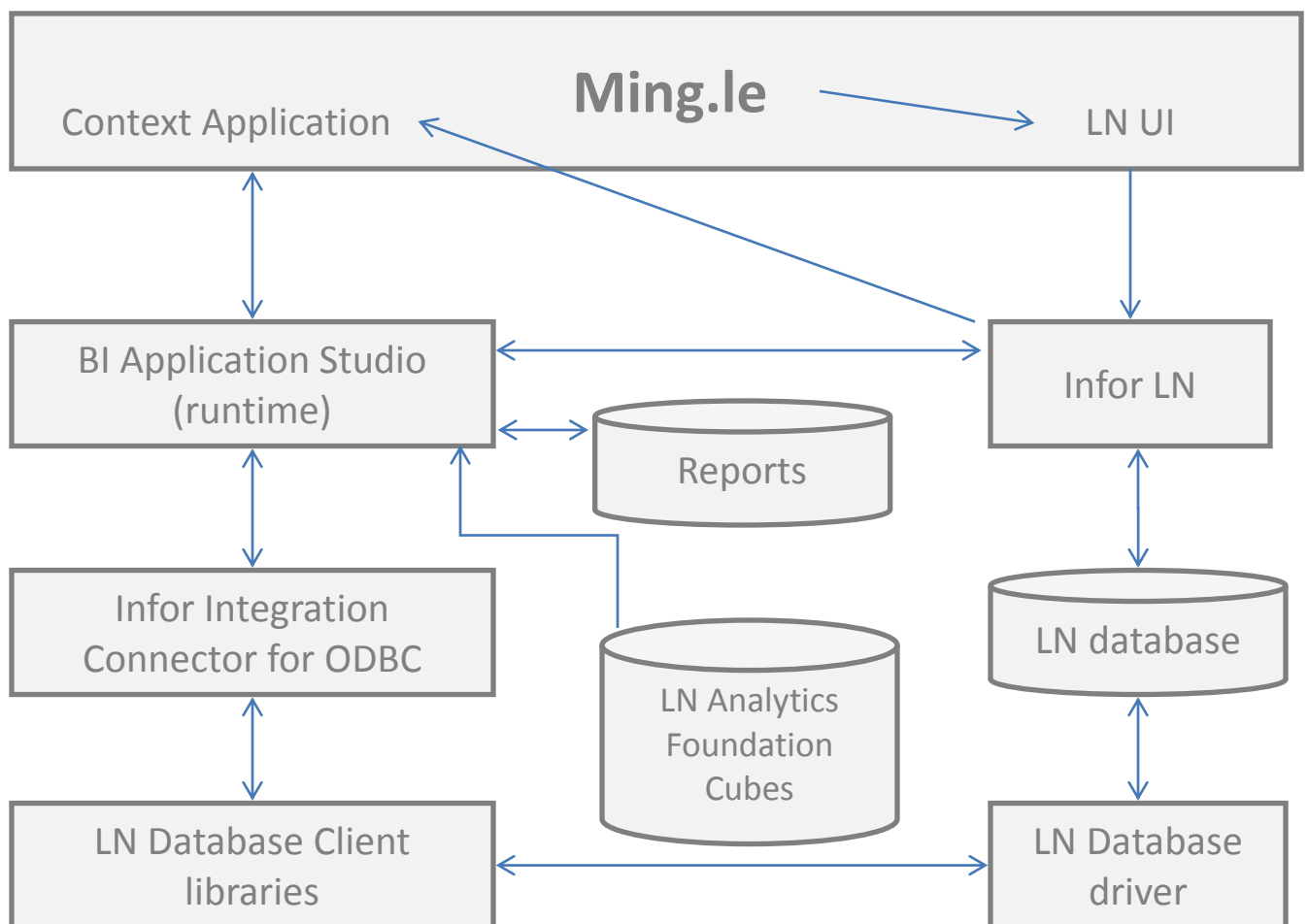
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If we update this document after the product release, we will post the new version on this Web site. We recommend that you check this Web site periodically for updated documentation.

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Overview

This chapter provides an overview of the information flow when an In-Context report is run. This diagram shows the flow.



Users run an Infor LN session within Infor Ming.le. The session is displayed by using Infor LN UI.

When working in the session, the context application is triggered to run an In-Context report.

A connection is made to Infor BI Application Studio to execute the In-Context report. Based on the session, different filters are applied to the report.

LN reports require the execution of SQL queries to the Infor LN database. The connection to the Infor LN database is established by using Infor Integration Connector for the ODBC and database client libraries or the JDBC connector.

Infor Analytics reports get their values from the Infor Analytics Foundation cubes. The connection is established by using OLAP.

When a report is executed, the report is displayed as context application in Infor Ming.le.

Requirements

Product-specific requirements:

Infor Ming.le 11.1.5

Infor LN UI 11.2.2 Build Number: ER1080 or later

BI Application Studio 10.6.0.397 or later

Infor Analytics Foundation 10.4.1

Infor LN 10.4.1

Porting set version 9.0b

Infor Integration connector for ODBC, Version 6.2 or later

In-Context BI checklist

Set up and test the connectivity to the Infor LN database:

1. Install the DB Connector.
2. Install Infor Integration.
3. Create a Data Source Name (DSN).

After installation of the Infor ODBC driver, you must create a DSN. Make sure you name the DSN **Infor Erp Enterprise** and specify **Remote Desktop Settings** as your db connector.

Configuration In-Context BI

To install the repository database, use the installer.

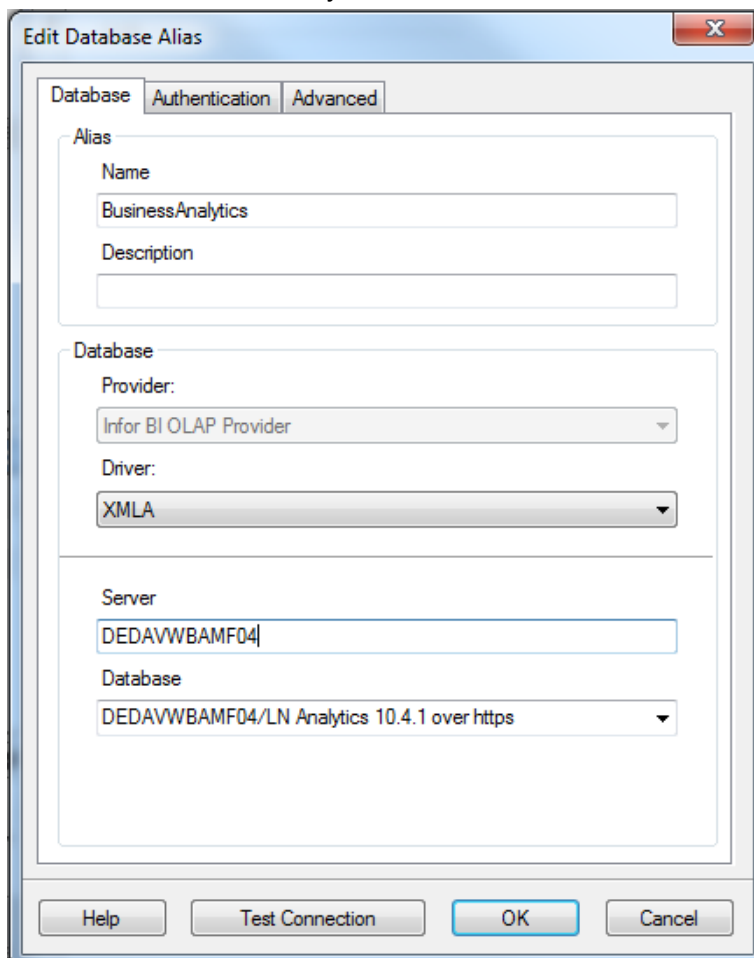
- 1 Extract the InContextBI_Installer_LN_10_4_1_v5.zip.
- 2 Run Setup.exe as administrator.
- 3 The Welcome page of the Infor LN Content Pack for In-Context BI – Installation Wizard is displayed.
- 4 Click **Next**. The Custom Installation page is displayed.
- 5 To install the Repository Database, click **Next**.
- 6 On the Database Server page, specify the SQL Server Database Server and sa password. Installation on an Oracle database server is not supported.
- 7 Click **Next**.
- 8 On the Ready to Install the Program page, click **Install**.
- 9 On the Installation Wizard Completed page, click **Finish**.

Setting up in BI Application Studio

The In-Context BI Content Pack contains reports which retrieve data from the LN Analytics Foundation 10.4.1 Cubes. If you want to make use of these reports you have to create a connection to LN Analytics Foundation 10.4.1. Otherwise, these reports show no data.

To setup a connection follow the next steps:

- 1 Start BI Application Studio as administrator.
- 2 In the Database Structure Pane, select Database Alias BusinessAnalytics
- 3 Select Log Off if active.
- 4 Select Edit
- 5 In the next screen, select your server and Database.



The screenshot shows the 'Edit Database Alias' dialog box. The 'Database' tab is selected. The 'Alias' section has a 'Name' field with 'BusinessAnalytics' and an empty 'Description' field. The 'Database' section has a 'Provider' dropdown set to 'Infor BI OLAP Provider' and a 'Driver' dropdown set to 'XMLA'. The 'Server' field contains 'DEDAVWBAMF04' and the 'Database' dropdown is set to 'DEDAVWBAMF04/LN Analytics 10.4.1 over https'. At the bottom are buttons for 'Help', 'Test Connection', 'OK', and 'Cancel'.

- 6 Test Connection and close with OK
- 7 On the Database Alias BusinessAnalytics, select Log On.

Setting up in Ming.le

To display the reports in Infor Ming.le, add the context application and connect to the new repository database.

- 1 Start Ming.le as administrator.
- 2 Select Infor LN
- 3 If the In-Context BI is not visible yet, select the Web Parts Manager, add the Infor In-Context BI web part, click **Save**.
- 4 On the In-Context BI Web Part Menu (the triangle in the upper right corner), select Edit My Web Part, select the new Repository and click **Save**. If the new repository is installed on another system, be sure that a dedicated DSN is available.

Setting up in Infor LN

To display the reports in Infor LN sessions, configure the BI Web Server in Infor LN.

- 1 Start Infor LN
- 2 Start session BI Web Server Parameters (ttaad7133m000)
- 3 Enter the url.
- 4 Press Test URL
- 5 Press OK to save and close the session.

URL definition

The url consist of a Web Server part and standard parameters.

The Web Server part

The Web Server part is defined in the Internet Information Services (IIS) Manager.

Examples: <http://localhost/Webservices/default.aspx> or

http://localhost:8443/PARENT_BI_Web_In/BI_Web_In/default.aspx

Replace localhost by the name of the server

Examples: <http://nlbavwasgsuite.infor.com/Webservices/default.aspx> or

http://nlbavwasgsuite.infor.com:8443/PARENT_BI_Web_In/BI_Web_In/default.aspx

Standard parameters

The standard parameters part of the url is:

```
?directLink=true&showLogin=0&loginRepository=EBIRep_LN_10_4_1&loginAuthSys=Windows&useStartReport=0&showTopFrame=0&InstanceId=2
```

loginRepository is the name of the installed repository with in-context reports. The repository of this content pack delivered is EBIRep_LN_10_4_1

Complete url

The example will result in the next url:

```
https://nlbavwasgsuite.infor.com:8443/PARENT_BI_Web_In/BI_Web_In/default.aspx?directLink=true&showLogin=0&loginRepository=Development_Rep_10_3_0_4&loginAuthSys=Windows&useStartReport=0&showTopFrame=0&InstanceId=2
```

Setting up Chrome

To display the reports in Infor Ming.le using Chrome explorer, in Google Chrome Properties, the setting should be extended to show insecure content.

- 1 Google Chrome
- 2 Select Google Chrome Properties
- 3 Select tab 'Shortcut'
- 4 Add to the Target: --allow-running-insecure-content

In-Context BI reports

Understanding Report Translations

The reports are available in ten languages. The language in which a report is shown depends on the user language that is specified in Infor Ming.le. To see the report translations in a different language, specify one of these languages:

- English
- German
- Dutch
- French
- Italian
- Japanese
- Portuguese
- Chinese-Simplified
- Spanish
- Russian

The Infor Ming.le language defines the translation of the report only. For example, the X axis and the Y axis are shown in the browser language. However, report data such as the business partner name depends on the language of the Infor LN user who executes the query.

Using In-Context Reports

When multiple records are selected in an Infor LN session, no graph is shown. When data is changed in an LN session, the In-Context report is not updated. When an Infor LN session is closed, the In-Context report is not closed.

In-Context Reports on LN

These reports retrieve their data from the LN database.

Business Object	In-Context BI Report Name
Customer	Lost Opportunities by Reason
Customer	Sold-to Win/Loss Ratio
Customer	Won Opportunities by Reason
Customer	Turnover
Customer	Top 5 Customer Debt by Credit Analyst
Finance	Bank Statement Matching Status
Inspection	Inspections
Item Master Data	Complete Delivery
Item Master Data	Invoice Accuracy
Item Master Data	On Time Delivery
Item Master Data	Planned Available
Item Master Data	Quality
Item Master Data	Response Time
Item Master Data	Vendor Rating
Item Master Data	Inventory Transactions
Project	Project Budget vs Forecast
Project Contract	Contract Amounts
Project Contract	Funding Distribution
Project Contract	Project Contract Margin

Purchase Contract	Purchase Contract Usage vs Duration
Sales Contract	Sales Contract Usage vs Duration
Sales Quote	Sales Quote Win/Loss Ratio
Service	Service Engineer Load
Service	SLA Performance by Employee
Territory Planning	Capacity (Travel from Center)
Territory Planning	Capacity (Travel from Location)
Work Center	Load by Work Center

In-Context Reports on LN Analytics Foundation

These reports retrieve their data from the LN Analytics Foundation Cubes.

Business Object	In-Context BI Report
Sales	Sales Key Metrics by Customer / Sales Item / Sales Person
Sales	Sales Results by Customer / Sales Item / Sales Person
Sales	Top 10 Sales Representatives (Gross Profit) by Product
Sales	Top 10 Sales Representatives (Gross Revenue) by Product
Sales	Top 10 Products (Gross Profit) by Sales Representative
Sales	Top 10 Products (Gross Revenue) by Representative
Production	On Time Schedule Performance by Item / Location
Production	On Time Schedule Performance Trend by Item / Location
Production	Planned vs. Actual Quantity by Item / Location
Production	Planned vs. Actual Quantity Trend by Item / Location
Production	Planned vs. Actual Duration by Item / Location
Production	Planned vs. Actual Duration Trend by Item / Location