



Infor LN

User Guide for In-Context BI

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About this Guide

This guide includes how to install In-Context Business Intelligence (In-Context BI) reports for Infor LN and details about their contents.

Organization

This table shows the chapters of the guide:

Section	Description
Overview	Provides an overview of the complete flow for In-Context reports
Viewing metrics and reports	Provides instructions for viewing metrics and reports from your application.
Metrics and report descriptions	List the metrics and reports that are available on each screen, and provide a description.

Contacting Infor

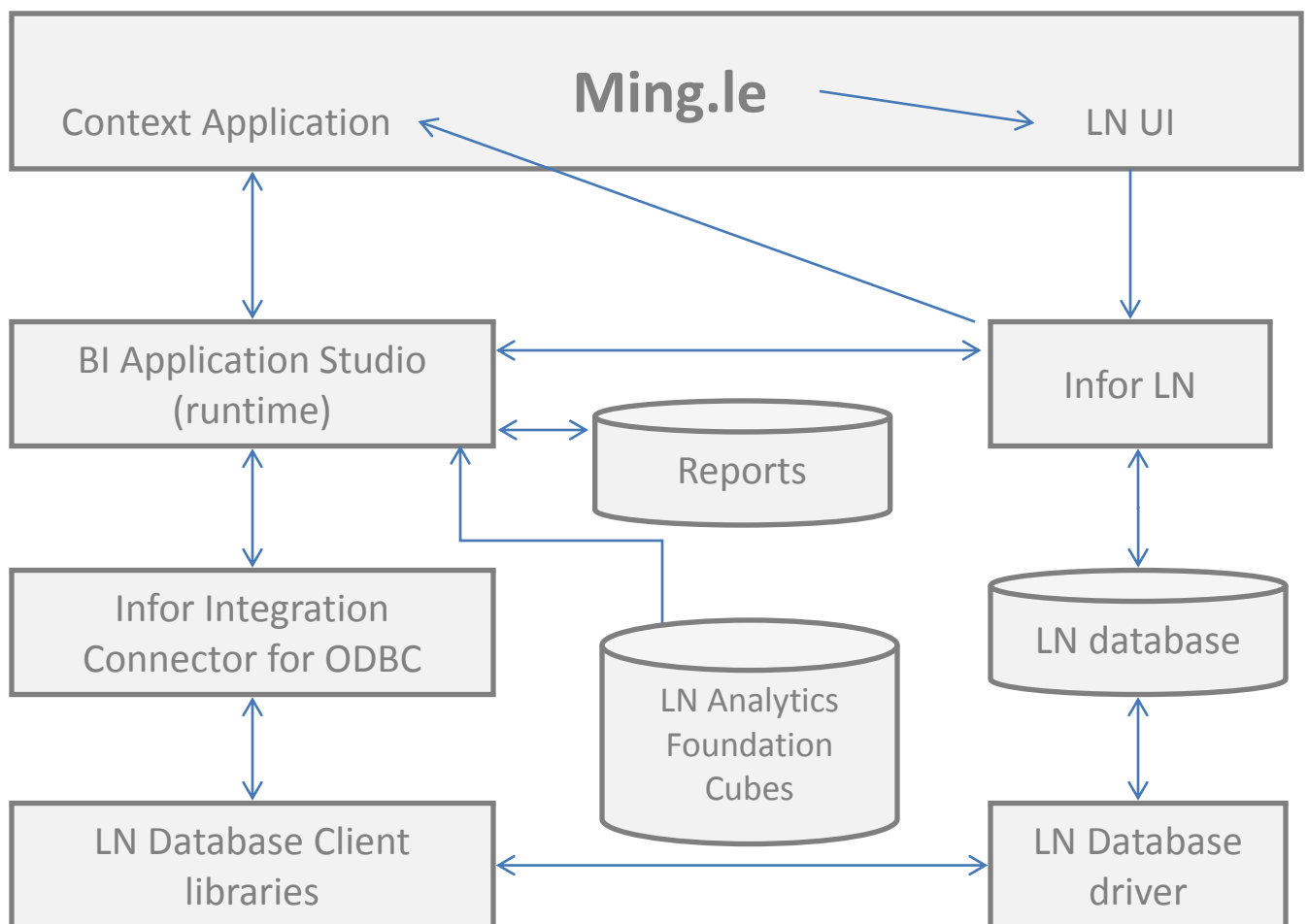
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Overview

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 ION 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.

Viewing metrics and reports

Understanding Report Translations

The reports are translated into nine languages. The language in which a report is shown depends on the user language that is specified in Infor Workspace. 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 Workspace 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.

Viewing metrics and reports

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 Ratio by Employee
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

Sessions with In-Context Reports on LN

Session Code	Session Name
tccom4110s000	Sold-to Business Partner
tccom4510m000	Sold-to Business Partners
tccom6100m000	Activities
tcstl1550m000	Notes
tdcms0141m000	Sales Order Line - Relations
tdipu0101m000	Item Purchase
tdipu0110m000	Items - Purchase Business Partner
tdipu0110m200	Approved Supplier List
tdisa0501m000	Items – Sales
tdisa0510m000	Item – Business Partner
tdisa0601m000	Item - Sales
tdpur1502m000	Request for Quotation Lines
tdpur2502m000	Purchase Requisition Lines
tdpur2502m100	Prepare Conversion Purchase Requisition Lines
tdpur4101m000	Purchase Order Lines
tdpur4101m200	Purchase Order Lines Details
tdpur4101m300	Purchase Order Lines Quantities and Dates
tdpur4101m700	Potential Purchase Back Orders
tdsls1101s100	Sales Quotations Results
tdsls1500m000	Sales Quotations

tdsls1501m000	Sales Quotation Lines
tdsls1501m200	Sales Quotation Promising Lines
tdsls1600m000	Sales Quotation - Lines
tdsls4100m000	Sales Orders
tdsls4100m900	Sales Order - Lines
tdsls4101m000	Sales Order Lines
tdsls4101m400	Sales Order Promising Lines
tdsls4106m000	Sales Order Actual Delivery Lines
tdsls4106m100	Sales Order Invoice Lines
tdsls4125m000	Maintain and Confirm Back Orders
tdsls4501m140	Release Sales Order Lines to Warehousing
tdsls4510m100	Sales Order Lines Monitor
tdsmi1110m000	Opportunities
tdsmi1111m000	Attributes by Opportunity
tdsmi1113m000	Items by Opportunity
tdsmi1115m000	References by Opportunity
tdsmi1122m000	Contacts by Opportunity
tdsmi1500m000	Customer 360
tdsmi1610m000	Opportunity
tibom1110m000	Bill of Material
ticst0101m000	Estimated Materials
tiipd0101m000	Items - Production

timfc1501m000	Work Center 360
tisfc0101m100	Production Order
tisfc0101s000	Production Orders
tisfc0105m000	Production Order Distribution
tisfc0110m000	Production Planning
tisfc0501m000	Production Orders
tisfc0516m000	Inventory by Production Order
tpctm1100m000	Contracts
tpctm1110m000	Contract Lines
tpctm1300m000	Contract 360
tpctm1600m000	Contract
tppin1100m000	Contract Billable Cost Lines
tscfg3100m000	Inspections
tscfg3110m000	Maintenance Notifications
tscfg3600m000	Inspections
tsmdm0169m200	Maintenance Triggers
tsspc4100m000	Territory and Preferred Engineer Planning
tsspc4110m000	Required Capacity
tsspc4110m100	Capacity Allocations
tsspc4120m000	Available Capacity
tsspc4600m000	Territory and Preferred Engineer Planning

LN Report Specifications

In-Context Reports (Customers)

Lost Opportunities by Reason

Introduced in	Infor LN FP7	
Purpose	Shows a bar chart with the number of lost opportunities for a certain customer ranked by reason.	
Details	Only opportunities with status 'Lost' are counted.	
Report unique name	LN_LostOpportunitiesbyReason	
Required input	IBC_company_ID1 IBC_InforCustomerPartyMaster_ID1	
Data table	tdsmi110	Opportunities

Example  Lost Opportunities by Reason



Customer: CUS007176

Main query	<code>=select tdsmi110.bpid as business_partner, count(tdsmi110.cdis) as count_reason_code, tcmcs005.dsca as reason_description, tccom100.nama as business_partner_name,</code>
------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

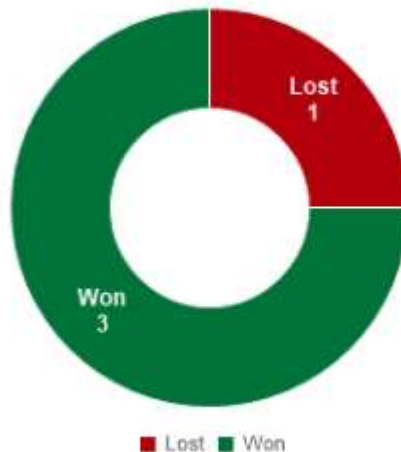
```
tdsmi110.opst as opportunity_status
from tdsmi110
left outer join tccom100 on tdsmi110.bpid = tccom100.bpid and tdsmi110.company_nr =
tccom100.company_nr
left outer join tcmcs005 on tcmcs005.cdis = tdsmi110.cdis and tcmcs005.company_nr =
tdsmi110.company_nr
where tdsmi110.bpid = "&ReportVariables.IBC_tccom100_ID1.Text&"
and tdsmi110.opst = "&ReportVariables.Status.Text&"
and tdsmi110.company_nr = "&ReportVariables.IBC_company_ID1.Text&"
group by tdsmi110.bpid,
tcmcs005.dsca,
tccom100.nama,
tdsmi110.opst
"
```

Sold-to Win/Loss Ratio

Introduced in	Infor LN FP7
Purpose	Shows a pie chart with the percentage of won opportunities relative to the percentage of opportunities lost for a certain customer.
Details	Only opportunities with status 'Lost' and 'Won' are taken into account.
Report unique name	LN_SoldToWinLossRatio
Required input	IBC_company_ID1 IBC_InforCustomerPartyMaster_ID1
Data table	tdsmi110 Opportunities

Example

< Sold-To Win/Loss Ratio >



Customer: CUS007178

Main query

```

LOST
="select tdsmi110.bpid as business_partner,
ENUM_DESCRIPTION(tdsmi110.opst) as status,
count(tdsmi110.opst) as count_opportunity_status
from tdsmi110
left outer join tcom100 on tdsmi110.bpid = tcom100.bpid and tdsmi110.company_nr =
tcom100.company_nr
where tdsmi110.bpid = "&ReportVariables.IBC_InforCustomerPartyMaster_ID1.Text&"
and tdsmi110.opst in (60)
and tdsmi110.company_nr = "&ReportVariables.IBC_company_ID1.Text&"
group by tdsmi110.bpid,
tdsmi110.opst
order by status"
  
```

WON

```
= "select tdsmi110.bpid as business_partner,  
ENUM_DESCRIPTION(tdsmi110.opst) as status,  
count(tdsmi110.opst) as count_opportunity_status  
from tdsmi110  
left outer join tccom100 on tdsmi110.bpid = tccom100.bpid and tdsmi110.company_nr =  
tccom100.company_nr  
where tdsmi110.bpid = "&ReportVariables.IBC_InforCustomerPartyMaster_ID1.Text&"  
and tdsmi110.opst in (50)  
and tdsmi110.company_nr = "&ReportVariables.IBC_company_ID1.Text&"  
group by tdsmi110.bpid,  
tdsmi110.opst  
order by status"
```

Won Opportunities by Reason

Introduced in	Infor LN FP7
Purpose	Shows a bar chart with the number of won opportunities for a certain customer ranked by reason.
Details	Only opportunities with status 'Won' are counted.
Report unique name	LN_WonOpportunitiesbyReason
Required input	IBC_company_ID1 IBC_InforCustomerPartyMaster_ID1
Data table	tdsmi110 Opportunities

Example  Won Opportunities by Reason



Customer: CUS007176

Main query

```
="select tdsmi110.bpid as business_partner,
count(tdsmi110.cdis) as count_reason_code,
tcmcs005.dsca as reason_description,
tccom100.nama as business_partner_name,
tdsmi110.opst as opportunity_status
from tdsmi110
left outer join tccom100 on tdsmi110.bpid = tccom100.bpid and tdsmi110.company_nr =
tccom100.company_nr
left outer join tcmcs005 on tcmcs005.cdis = tdsmi110.cdis and tcmcs005.company_nr =
tdsmi110.company_nr
where tdsmi110.bpid = "&ReportVariables.IBC_tccom100_id1.Text&"
and tdsmi110.opst = "&ReportVariables.Status.Text&"
and tdsmi110.company_nr = "&ReportVariables.IBC_company_id1.Text&"
group by tdsmi110.bpid,
```

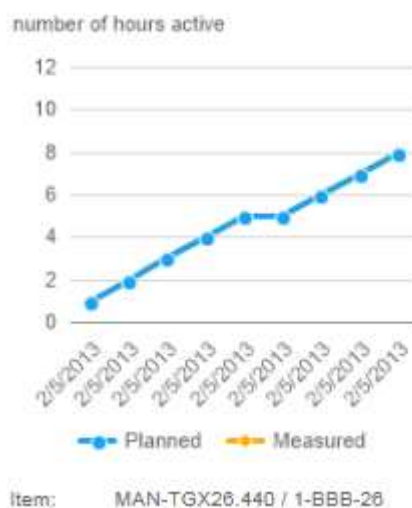
tcmcs005.dsca,
tccom100.nama,
tdsmi110.opst
"

In-Context reports (Inspections)

Inspections

Introduced in	Infor LN 10.2.1	
Purpose	Shows line plots for the measured and expected historical trend values in measurement unit over several inspections.	
Details	Only inspections with status 'Measured' are taken into account.	
Report unique name	LN_Inspections	
Required input	IBC_company_ID1 IBC_InforERPEnterpriseServiceMeasurementType_ID1 IBC_InforERPEnterpriseServicePosition_ID1 IBC_InforItemMaster_ID1 IBC_SerialNumber_ID1	
Data table	tscfg300	Inspections

< Inspections >



Main query	<pre>=Select tscfg300.item, tscfg300.mvln, tscfg300.sern, tscfg300.cmea, tscfg300.mepo,</pre>	
------------	---------------------------------------------------------------------------------------------------------------	--

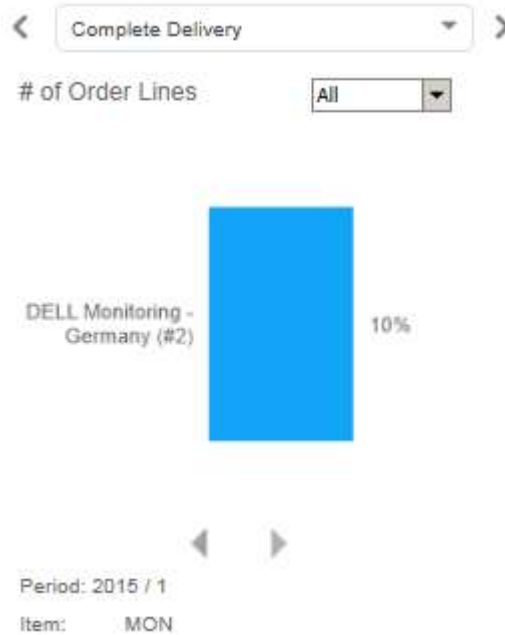
```
tscfg300.ista,  
tscfg300.rgtm,  
tscfg300.exco  
from tscfg300  
where tscfg300.company_nr = "&ReportVariables.IBC_Company_ID1.Text&"  
and tscfg300.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"  
and tscfg300.sern = "&ReportVariables.IBC_SerialNumber_ID1.Text&"  
and tscfg300.cmea =  
"&ReportVariables.IBC_InforERPEnterpriseServiceMeasurementType_ID1.Text&"  
and tscfg300.mepo = "&ReportVariables.IBC_InforERPEnterpriseServicePosition_ID1.Text&"  
and tscfg300.ista = tscfg.ista.measured  
order by tscfg300.rgtm"
```

In-Context Reports (Item Master Data)

Complete Delivery

Introduced in	Infor LN FP7	
Purpose	Shows a bar chart with the top-five suppliers with the best delivery performance for a specific purchase item.	
Details	Users can specify with a combo box if they want to view all suppliers or just suppliers with 5, 10 or 25 or more orders. Criteria type 'Quantity' is used. Initially, the rating is based on data for the current period. User can change the period by use of the arrow keys. The data in Vendor Ratings (tdpur802) is filled by session Update Vendor Rating (tdpur8850m000).	
Report unique name	LN_CompleteDelivery	
Required input	IBC_company_ID1 IBC_InforFinancialCalendarPeriod_ID1 (=Period Table Code) IBC_InforFinancialCalendarPeriod_ID2 (=Year) IBC_InforFinancialCalendarPeriod_ID3 (=Period) IBC_InforItemMaster_ID1	
Data table	tdipu010	Item – Purchase Business Partner
	tdpur802	Vendor Ratings

Example



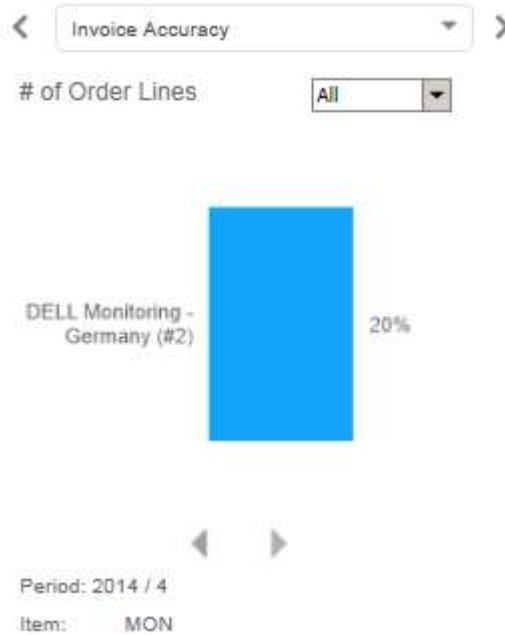
Main query

```
=  
select tdipu010.otbp as business_partner,  
tccom100.nama as business_partner_name,  
tdpur802.bpid,  
tdpur802.ctyp as criteria_type,  
tdpur802.perc as percentage,  
tdpur802.tpoc as total_nr_po_lines  
from tdipu010  
left outer join tccom100 on tdipu010.otbp = tccom100.bpid and tdipu010.company_nr =  
tccom100.company_nr  
left outer join tdpur802 on tdipu010.otbp = tdpur802.bpid and tdipu010.company_nr =  
tdpur802.company_nr  
where tdipu010.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"  
and tdpur802.year = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID2.Text&"  
and tdpur802.peri = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID3.Text&"  
and tdpur802.ctyp = "&ReportVariables.CriteriaType.Text&"  
and tdipu010.company_nr = "&ReportVariables.IBC_company_id1.Text&"  
and tdpur802.tpoc >= "&ReportObjects.FilterRatingsNrPoLines.Text&"  
ORDER BY percentage DESC  
as set with 5 rows  
"
```

Invoice Accuracy

Introduced in	Infor LN FP7	
Purpose	Shows a bar chart with the top-five suppliers with the best invoicing performance for a specific purchase item.	
Details	Users can specify with a combo box if they want to view all suppliers or just suppliers with 5, 10 or 25 or more orders. Criteria type 'Cost Performance' is used. Initially, the rating is based on data for the current period. User can change the period by use of the arrow keys. The data in Vendor Ratings (tdpur802) is filled by session Update Vendor Rating (tdpur8850m000).	
Report unique name	LN_InvoiceAccuracy	
Required input	IBC_company_ID1 IBC_InforFinancialCalendarPeriod_ID1 (=Period Table Code) IBC_InforFinancialCalendarPeriod_ID2 (=Year) IBC_InforFinancialCalendarPeriod_ID3 (=Period) IBC_InforItemMaster_ID1	
Data table	tdipu010	Item – Purchase Business Partner
	tdpur802	Vendor Ratings

Example



Main Query

```
=  
select tdipu010.otbp as business_partner,  
tccom100.nama as business_partner_name,  
tdpur802.bpid,  
tdpur802.ctyp as criteria_type,  
tdpur802.perc as percentage,  
tdpur802.tpoc as total_nr_po_lines  
from tdipu010  
left outer join tccom100 on tdipu010.otbp = tccom100.bpid and tdipu010.company_nr =  
tccom100.company_nr  
left outer join tdpur802 on tdipu010.otbp = tdpur802.bpid and tdipu010.company_nr =  
tdpur802.company_nr  
where tdipu010.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"  
and tdpur802.year = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID2.Text&"  
and tdpur802.peri = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID3.Text&"  
and tdpur802.ctyp = "&ReportVariables.CriteriaType.Text&"  
and tdipu010.company_nr = "&ReportVariables.IBC_company_id1.Text&"  
and tdpur802.tpoc >= "&ReportObjects.FilterRatingsNrPoLines.Text&"  
ORDER BY percentage DESC  
as set with 5 rows  
"
```

On Time Delivery

Introduced in	Infor LN FP7	
Purpose	Shows a bar chart with the top-five suppliers with the best on-time delivery performance for a specific purchase item.	
Details	Users can specify with a combo box if they want to view all suppliers or just suppliers with 5, 10 or 25 or more orders. Criteria type 'Delivery' is used. Initially, the rating is based on data for the current period. User can change the period by use of the arrow keys. The data in Vendor Ratings (tdpur802) is filled by session Update Vendor Rating (tdpur8850m000).	
Report unique name	LN_OnTimeDelivery	
Required input	IBC_company_ID1 IBC_InforFinancialCalendarPeriod_ID1 (=Period Table Code) IBC_InforFinancialCalendarPeriod_ID2 (=Year) IBC_InforFinancialCalendarPeriod_ID3 (=Period) IBC_InforItemMaster_ID1	
Data table	tdipu010	Item – Purchase Business Partner
	tdpur802	Vendor Ratings

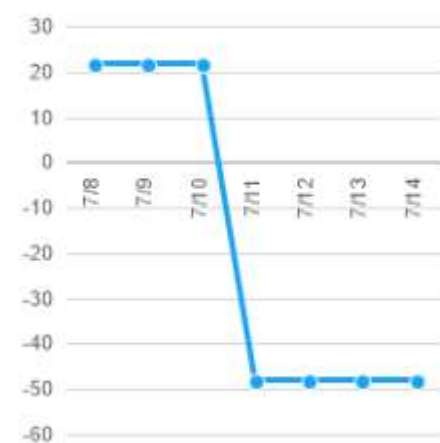
Example



Main Query

```
= "select tdipu010.otbp as business_partner,
tccom100.nama as business_partner_name,
tdpur802.bpid,
tdpur802.ctyp as criteria_type,
tdpur802.perc as percentage,
tdpur802.tpoc as total_nr_po_lines
from tdipu010
left outer join tccom100 on tdipu010.otbp = tccom100.bpid and tdipu010.company_nr =
tccom100.company_nr
left outer join tdpur802 on tdipu010.otbp = tdpur802.bpid and tdipu010.company_nr =
tdpur802.company_nr
where tdipu010.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"
and tdpur802.year = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID2.Text&"
and tdpur802.peri = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID3.Text&"
and tdpur802.ctyp = "&ReportVariables.CriteriaType.Text&"
and tdipu010.company_nr = "&ReportVariables.IBC_company_id1.Text&"
and tdpur802.tpoc >= "&ReportObjects.FilterRatingsNrPoLines.Text&"
ORDER BY percentage DESC
as set with 5 rows
"
```

Planned Available

Introduced in	Infor LN FP7																	
Purpose	<p>Shows a line chart with the planned availability for an item in inventory unit for each day of the week.</p> <p>The results will be equal to the values displayed in session Planned Inventory Transactions (whinp1500m000), select View, Sort by Item, Transaction Date.</p>																	
Details	By default the current week is shown. The arrow buttons can be used to navigate to another week.																	
Report unique name	LN_PlannedAvailable																	
Required input	IBC_company_ID1 IBC_InforItemMaster_ID1																	
Data table	whinp100	Transactions by Item																
	whwmd215	Item Inventory by Warehouse																
Example	<div><div><Planned Available></div><div><table border="1"><thead><tr><th>Date</th><th>Planned Availability</th></tr></thead><tbody><tr><td>7/8</td><td>20</td></tr><tr><td>7/9</td><td>20</td></tr><tr><td>7/10</td><td>20</td></tr><tr><td>7/11</td><td>-50</td></tr><tr><td>7/12</td><td>-50</td></tr><tr><td>7/13</td><td>-50</td></tr><tr><td>7/14</td><td>-50</td></tr></tbody></table></div><div>Item: MON</div></div>		Date	Planned Availability	7/8	20	7/9	20	7/10	20	7/11	-50	7/12	-50	7/13	-50	7/14	-50
Date	Planned Availability																	
7/8	20																	
7/9	20																	
7/10	20																	
7/11	-50																	
7/12	-50																	
7/13	-50																	
7/14	-50																	
Main Query	Item Unit ="select tcibd001.cuni from tcibd001 where tcibd001.company_nr = "&ReportVariables.IBC_company_ID1.Text&"																	

```

and tcibd001.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"
"

Current Stock
="select SUM(whwmd215.qhnd)
from whwmd215
where whwmd215.company_nr = "&ReportVariables.IBC_company_ID1.Text&"
and whwmd215.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"
"

ReceiptTillToday
="select SUM(whinp100.qana)
from whinp100
where whinp100.company_nr = "&ReportVariables.IBC_company_ID1.Text&"
and whinp100.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"
and whinp100.kotr = tckotr.receipt
and whinp100.date <= "&ReportVariables.CurrentStart.Text&"
"

IssueTillToday
="select SUM(whinp100.qana)
from whinp100
where whinp100.company_nr = "&ReportVariables.IBC_company_ID1.Text&"
and whinp100.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"
and whinp100.kotr = tckotr.requirement
and whinp100.date <= "&ReportVariables.CurrentStart.Text&"
"

ReceiptFromToday
="select whinp100.qana as pqty, CONVERT_TZ(whinp100.date, 'UTC', ") as pldt
from whinp100
where whinp100.company_nr = "&ReportVariables.IBC_company_ID1.Text&"
and whinp100.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"
and whinp100.kotr = tckotr.receipt
and whinp100.date > "&ReportVariables.CurrentStart.Text&"
and whinp100.date < "&ReportVariables.CurrentEnd.Text&"
"

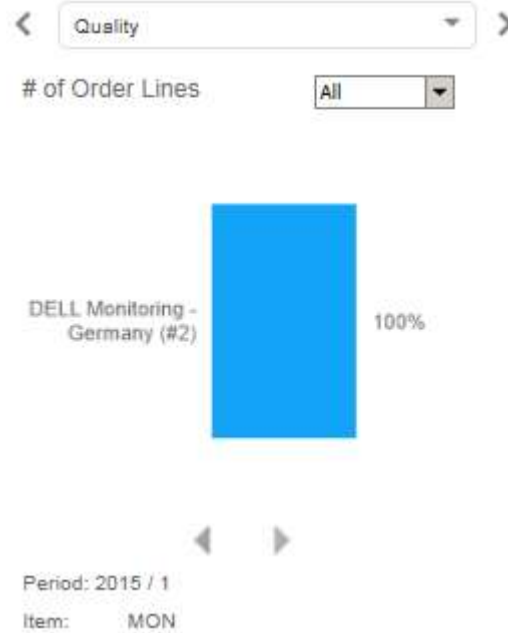
Issue From Today
="select whinp100.qana as pqty, CONVERT_TZ(whinp100.date, 'UTC', ") as pldt
from whinp100
where whinp100.company_nr = "&ReportVariables.IBC_company_ID1.Text&"
and whinp100.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"
and whinp100.kotr = tckotr.requirement
and whinp100.date > "&ReportVariables.CurrentStart.Text&"
and whinp100.date < "&ReportVariables.CurrentEnd.Text&"
"

```

Quality

Introduced in	Infor LN FP7	
Purpose	Shows a bar chart with the top-five suppliers with the best quality performance for a specific purchase item.	
Details	<p>Users can specify with a combo box if they want to view all suppliers or just suppliers with 5, 10 or 25 or more orders. Criteria type 'Quality' is used. Initially, the rating is based on data for the current period. User can change the period by use of the arrow keys. The data in Vendor Ratings (tdpur802) is filled by session Update Vendor Rating (tdpur8850m000).</p>	
Report unique name	LN_Quality	
Required input	IBC_company_ID1 IBC_InforFinancialCalendarPeriod_ID1 (=Period Table Code) IBC_InforFinancialCalendarPeriod_ID2 (=Year) IBC_InforFinancialCalendarPeriod_ID3 (=Period) IBC_InforItemMaster_ID1	
Data table	tdipu010	Item – Purchase Business Partner
	tdpur802	Vendor Ratings

Example



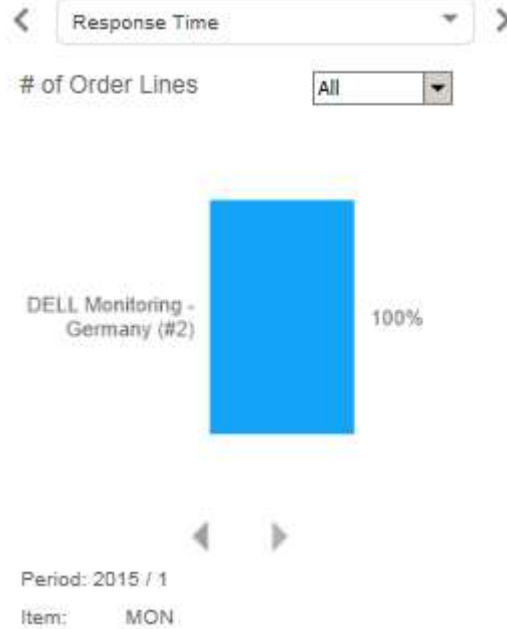
Main Query

```
=  
select tdipu010.otbp as business_partner,  
tccom100.nama as business_partner_name,  
tdpur802.bpid,  
tdpur802.ctyp as criteria_type,  
tdpur802.perc as percentage,  
tdpur802.tpoc as total_nr_po_lines  
from tdipu010  
left outer join tccom100 on tdipu010.otbp = tccom100.bpid and tdipu010.company_nr =  
tccom100.company_nr  
left outer join tdpur802 on tdipu010.otbp = tdpur802.bpid and tdipu010.company_nr =  
tdpur802.company_nr  
where tdipu010.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"  
and tdpur802.year = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID2.Text&"  
and tdpur802.peri = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID3.Text&"  
and tdpur802.ctyp = "&ReportVariables.CriteriaType.Text&"  
and tdipu010.company_nr = "&ReportVariables.IBC_company_id1.Text&"  
and tdpur802.tpoc >= "&ReportObjects.FilterRatingsNrPoLines.Text&"  
ORDER BY percentage DESC  
as set with 5 rows  
"
```

Response Time

Introduced in	Infor LN FP7	
Purpose	Shows a bar chart with the top-five suppliers with the best response time performance for a specific purchase item.	
Details	Users can specify with a combo box if they want to view all suppliers or just suppliers with 5, 10 or 25 or more orders. Criteria type 'Order Confirmation' is used. Initially, the rating is based on data for the current period. User can change the period by use of the arrow keys. The data in Vendor Ratings (tdpur802) is filled by session Update Vendor Rating (tdpur8850m000).	
Report unique name	LN_ResponseTime	
Required input	IBC_company_ID1 IBC_InforFinancialCalendarPeriod_ID1 (=Period Table Code) IBC_InforFinancialCalendarPeriod_ID2 (=Year) IBC_InforFinancialCalendarPeriod_ID3 (=Period) IBC_InforItemMaster_ID1	
Data table	tdipu010	Item – Purchase Business Partner
	tdpur802	Vendor Ratings

Example



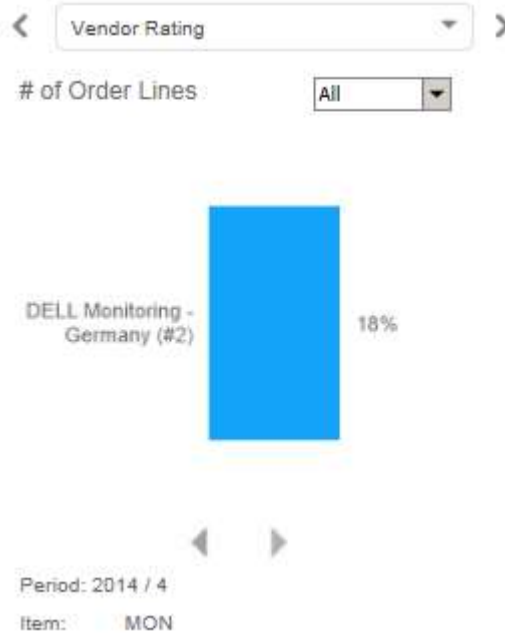
Main Query

```
=  
select tdipu010.otbp as business_partner,  
tccom100.nama as business_partner_name,  
tdpur802.bpid,  
tdpur802.ctyp as criteria_type,  
tdpur802.perc as percentage,  
tdpur802.tpoc as total_nr_po_lines  
from tdipu010  
left outer join tccom100 on tdipu010.otbp = tccom100.bpid and tdipu010.company_nr =  
tccom100.company_nr  
left outer join tdpur802 on tdipu010.otbp = tdpur802.bpid and tdipu010.company_nr =  
tdpur802.company_nr  
where tdipu010.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"  
and tdpur802.year = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID2.Text&"  
and tdpur802.peri = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID3.Text&"  
and tdpur802.ctyp = "&ReportVariables.CriteriaType.Text&"  
and tdipu010.company_nr = "&ReportVariables.IBC_company_id1.Text&"  
and tdpur802.tpoc >= "&ReportObjects.FilterRatingsNrPoLines.Text&"  
ORDER BY percentage DESC  
as set with 5 rows"
```

Vendor Rating

Introduced in	Infor LN FP7	
Purpose	Shows a bar chart with the top-five suppliers with the best overall performance for a specific purchase item.	
Details	Users can specify with a combo box if they want to view all suppliers or just suppliers with 5, 10 or 25 or more orders. Criteria type 'Period Rating' is used. Initially, the rating is based on data for the current period. User can change the period by use of the arrow keys. The data in Vendor Ratings (tdpur802) is filled by session Update Vendor Rating (tdpur8850m000).	
Report unique name	LN_VendorRating	
Required input	IBC_company_ID1 IBC_InforFinancialCalendarPeriod_ID1 (=Period Table Code) IBC_InforFinancialCalendarPeriod_ID2 (=Year) IBC_InforFinancialCalendarPeriod_ID3 (=Period) IBC_InforItemMaster_ID1	
Data table	tdipu010	Item – Purchase Business Partner
	tdpur802	Vendor Ratings

Example



Main Query

```
= "select tdipu010.otbp as business_partner,
tccom100.nama as business_partner_name,
tdpur802.bpid,
tdpur802.ctyp as criteria_type,
tdpur802.perc as percentage,
tdpur802.tpoc as total_nr_po_lines
from tdipu010
left outer join tccom100 on tdipu010.otbp = tccom100.bpid and tdipu010.company_nr =
tccom100.company_nr
left outer join tdpur802 on tdipu010.otbp = tdpur802.bpid and tdipu010.company_nr =
tdpur802.company_nr
where tdipu010.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"
and tdpur802.year = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID2.Text&"
and tdpur802.peri = "&ReportVariables.IBC_InforFinancialCalendarPeriod_ID3.Text&"
and tdpur802.ctyp = "&ReportVariables.CriteriaType.Text&"
and tdipu010.company_nr = "&ReportVariables.IBC_company_id1.Text&"
and tdpur802.tpoc >= "&ReportObjects.FilterRatingsNrPoLines.Text&"
ORDER BY percentage DESC
as set with 5 rows
"
```

In-Context Reports (Territory Planning)

Capacity (Travel from Center)

Introduced in	Infor LN 10.2.1	
Purpose	Shows a stacked bar chart with the Workload (of the planned activity and the service order plus any unexpected workload), Travel time from the territory's center of gravity, the Availability and the Shortage per engineer in the time duration unit specified in 'General Service Parameters' (tsmdm0100m000).	
Details	-	
Report unique name	LN_CapacityByEmployee	
Required input	IBC_company_ID1 IBC_tsspc400_ID1	
Data table	tsspc410	Territory Planning – Required Capacity
	tsspc420	Territory Planning – Available Capacity
Example	<div> < <input type="text" value="Capacity (travel from center)"/> > </div>  <p>Territory Planning: AAAA00002</p>	
Main query	<pre>= "select sum(tsspc410.pawl) AS PlannedActivity_Workload, sum(tsspc410.sowl) AS ServiceOrder_Workload,</pre>	

```
sum(tsspc410.uewl) AS Unexpected_Workload,
sum(tsspc410.tdul) AS TravelTime_Location,
sum(tsspc410.tduc) AS TravelTime_Centre,
tsspc410.acsq,
tsspc420.name,
tsspc420.capa AS Capacity
from tsspc420
left join tsspc410 on tsspc420.tepl=tsspc410.tepl and tsspc420.seqn = tsspc410.acsq and
tsspc420.company_nr = tsspc410.company_nr
where tsspc420.company_nr = "&ReportVariables.IBC_Company_ID1.Text&"
and tsspc420.tepl=""&ReportVariables.IBC_tsspc400_ID1.Text&"
group by tsspc410.acsq, tsspc420.name, tsspc420.capa
order by tsspc420.name desc"
```

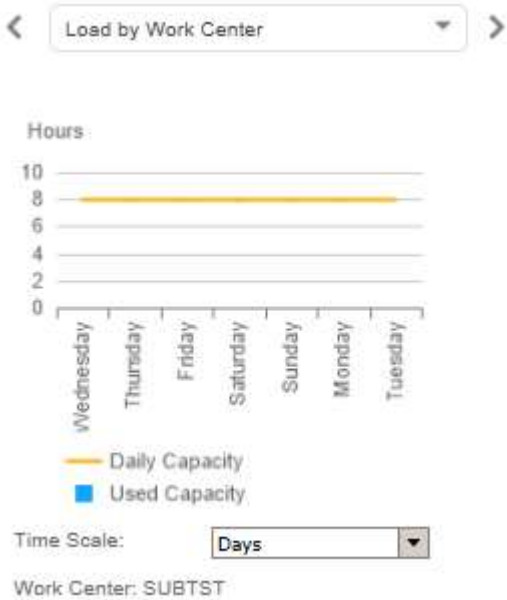
Capacity (Travel from Location)

Introduced in	Infor LN 10.2.1	
Purpose	Shows a stacked bar chart with the Workload (of the planned activity and the service order plus any unexpected workload), Travel time from the territory's center of gravity, the Availability and the Shortage per engineer in the time duration unit specified in 'General Service Parameters' (tsmdm0100m000).	
Details		
Report unique name	LN_CapacityByEmployee2	
Required input	IBC_company_ID1 IBC_tsspc400_ID1	
Data table	tsspc410	Territory Planning – Required Capacity
	tsspc420	Territory Planning – Available Capacity
Example	<div> < <input type="text" value="Capacity (travel from location)"/> > </div> <p>Territory Planning: AAAA00002</p>	
Main query	<pre>= "select sum(tsspc410.pawl) AS PlannedActivity_Workload, sum(tsspc410.sowl) AS ServiceOrder_Workload, sum(tsspc410.uewl) AS Unexpected_Workload, sum(tsspc410.tdul) AS TravelTime_Location, sum(tsspc410.tduc) AS TravelTime_Centre, tsspc410.acsq,</pre>	

```
tsspc420.name,  
tsspc420.capa AS Capacity  
from tsspc420  
left join tsspc410 on tsspc420.tepl=tsspc410.tepl and tsspc420.seqn = tsspc410.acsq and  
tsspc420.company_nr = tsspc410.company_nr  
where tsspc420.company_nr = "&ReportVariables.IBC_Company_ID1.Text&"  
and tsspc420.tepl="&ReportVariables.IBC_tsspc400_ID1.Text&"  
group by tsspc410.acsq, tsspc420.name, tsspc420.capa  
order by tsspc420.name desc"
```

In-Context Reports (Work Centers)

Load by Work Center

Introduced in	Infor LN FP7	
Purpose	Shows a bar chart with the used capacity per day in hours for a specific work center. A line plot indicates the available capacity per day.	
Details	By default the capacity is shown for the next seven days. The user can switch to a time scale of seven weeks by using the combo box.	
Report unique name	LN_LoadbyWorkCenter2	
Required input	IBC_CurrentLanguage IBC_company_ID1 IBC_InforLocation_ID1	
Data table	tirou001	Work Centers
	tisfc012	Utilization by Day
Example		
Main Query	<pre>= "select tirou001.dcr, tirou001.wcr from tirou001 where tirou001.cwoc = "&ReportVariables.IBC_InforLocationDepartment_ID1.Text&"</pre>	

```
and tirou001.company_nr = "&ReportVariables.IBC_company_ID1.Text&"
"
```

```
= "select tisfc012.mcho as nrofhours, tisfc012.cwoc, CONVERT_TZ(tisfc012.prdt, 'UTC', '') as
prdt
from tisfc012
where
tisfc012.company_nr = "&ReportVariables.IBC_company_ID1.Text&" and
tisfc012.cwoc = "&ReportVariables.IBC_InforLocationDepartment_ID1.Text&" and
tisfc012.prdz >= "&ReportVariables.Today.Text&" and
tisfc012.prdz < "&ReportVariables.NextWeek.Text&"
"
```

In-Context Reports (Project Contract)

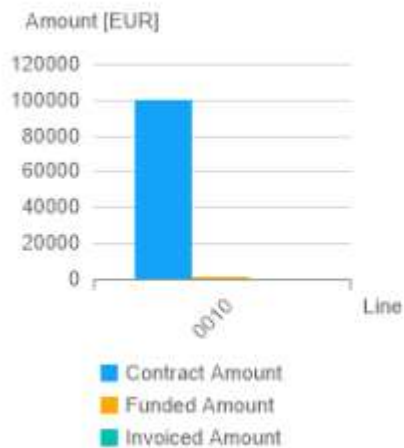
Contract Amounts

Introduced in	Infor LN 10.3.0	
Purpose	Shows a bar chart with the contract line amount, funded amount and approved amount for invoicing amount. The purpose is to provide information on the amounts mentioned and have visibility on how they correlate.	
Details	By default, the first 4 contract lines are displayed. The user can scroll to other contract lines. All active contract lines are evaluated.	
Report unique name	LN_ContractAmount	
Required input	IBC_company_ID1 IBC_InforProjectContract_ID1	
Data table	tpctm110	Contract Lines
Example	<div><div><</div><div>Contract Amounts</div><div>></div></div>  <p>The bar chart displays financial data for four contract lines. The Y-axis represents the amount in EUR, ranging from 0 to 6,000,000. The X-axis lists the contract lines: 0001, 0002, 0003, and 0004. For each line, there are three bars: a blue bar for 'Contract Amount', a yellow bar for 'Funded Amount', and a green bar for 'Invoiced Amount'. Lines 0001, 0002, and 0003 show a 'Contract Amount' of approximately 5,000,000 EUR. Line 0004 shows a 'Contract Amount' of approximately 5,000,000 EUR, a 'Funded Amount' of approximately 5,000,000 EUR, and an 'Invoiced Amount' of approximately 5,000,000 EUR. The contract identifier 'Contract: PN1000014' is displayed at the bottom of the chart area.</p>	
Main query	= Select tpctm110.copr, tpctm110.flmt, tpctm110.itod, tpctm110.cnln, tpctm110.ccur from tpctm110	

```
where tpctm110.cono = "&ReportVariables.IBC_InforProjectContract_ID1.Text&"
and      (tpctm110.csts = tpctm.csts.on.hold
          or tpctm110.csts = tpctm.csts.active
          or tpctm110.csts = tpctm.csts.closed)
and tpctm110.company_nr = "&ReportVariables.IBC_Company_ID1.Text&"
and tpctm110.cnln >= "&ReportVariables.Contract_line_from.Text&"
"
```

In-Context Reports (Project Contract)

Contract Lines Amounts


Introduced in	Infor LN 10.3.0	
Purpose	Shows a bar chart with the contract line amount, funded amount and approved amount for invoicing amount. The purpose is to provide information on the amounts mentioned and have visibility on how they correlate.	
Details		
Report unique name	LN_ContractAmount2	
Required input	IBC_company_ID1 IBC_InforProjectContract_ID1 IBC_InforProjectContract_ID2	
Data table	tpctm110	Contract Lines
Example	<div><div><</div><div>Contract Amounts</div><div>></div></div>  <p>Contract: CON000020 / 0010</p>	
Main query	<pre>="Select tpctm110.copr, tpctm110.flmt, tpctm110.itod, tpctm110.cnln, tpctm110.ccur from tpctm110 where tpctm110.cono = "&ReportVariables.IBC_InforProjectContractLine_ID1.Text&"</pre>	

```
and tpctm110.cnln = "&ReportVariables.IBC_InforProjectContractLine_ID2.Text&"
and      (tpctm110.csts = tpctm.csts.on.hold
          or tpctm110.csts = tpctm.csts.active
          or tpctm110.csts = tpctm.csts.closed)
and tpctm110.company_nr = "&ReportVariables.IBC_Company_ID1.Text&"
"
```

Funding Distribution

Introduced in	Infor LN 10.3.0	
Purpose	Shows for a selected Contract line a bar chart with the Funded amount, Approved amount and Invoiced amount per fund.	
Details	All funds are evaluated.	
Report unique name	LN_FundingDistribution	
Required input	IBC_company_ID1 IBC_InforProjectContractLine_ID1 IBC_InforProjectContractLine_ID2	
Data table	tpctm070	Funding Distribution
Example	<div> < <input type="text" value="Funding Distribution"/> > </div> <p>Contract: CON000020 / 0010</p>	
Main query	<pre> Select tpctm070.flmt, tpctm070.apra, tpctm070.inva, tpctm070.fnid, tpctm070.cnln from tpctm070 where tpctm070.cono = "&ReportVariables.IBC_InforProjectContractLine_ID1.Text&" and tpctm070.cnln = "&ReportVariables.IBC_InforProjectContractLine_ID2.Text&" and tpctm070.company_nr = "&ReportVariables.IBC_Company_ID1.Text&" </pre>	

Service Engineer Load

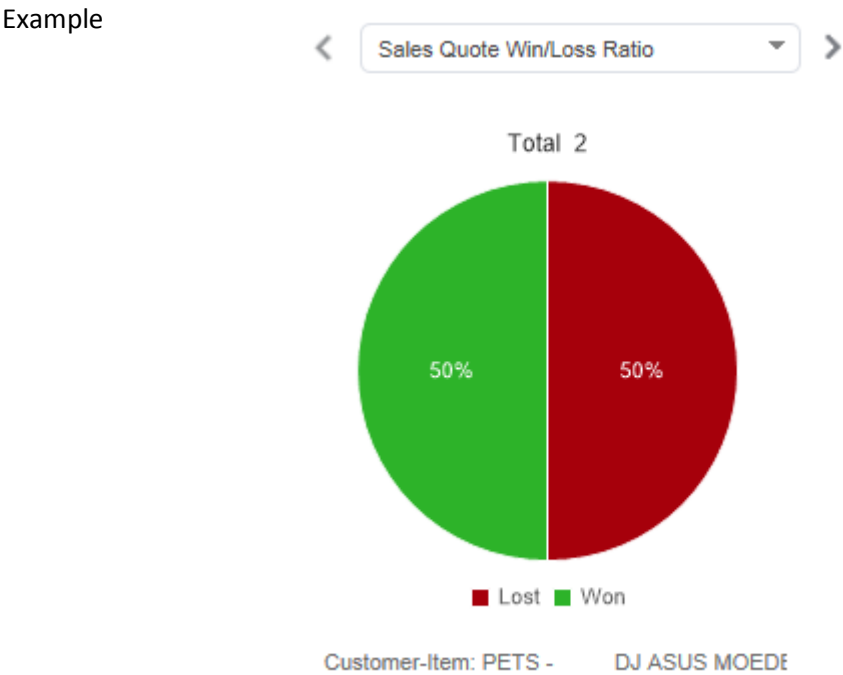
Introduced in	Infor LN 10.3.0	
Purpose	Shows a bar chart with the load per day in hours for a specific service engineer. The Available capacity, Workload and Travel time are displayed.	
Details	By default the load is shown for the next seven days. The user can switch to the previous or next 7 days by using the prev./next buttons.	
Report unique name	LN_LoadbyWorkCenter	
Required input	IBC_company_ID1 IBC_InforERPEnterpriseCommonCalendarCode_ID1 IBC_InforERPEnterpriseServiceServiceEmployee_ID1	
Data table	tcccp020	Calendar Working Hours
	tssoc205	Service Engineer Assignments
Example	<div> < <div>Service Engineer Load</div> > </div> 	
Main query	<pre>= "select tcccp020.avlb as avlb, tcccp020.sttm as sttm, tcccp020.entm as entm, tcccp020.efac as efac, tcccp020.capp as capp, tcccp020.date as cdat from tcccp020 where tcccp020.company_nr = "&ReportVariables.IBC_company_ID1.Text&" and tcccp020.ccal = "&ReportVariables.IBC_InforERPEnterpriseCommonCalendarCode_ID1.Text&" and tcccp020.ract = (select tsmdm000.ract</pre>	

```
from tsmdm000
where tsmdm000.indt = 0 and tsmdm000.company_nr =
"&ReportVariables.IBC_company_ID1.Text&")"&" and tcccp020.date =
"&ReportVariables.CurrentDay.Text&"
"

="select tssoc205.acdu as acdu, tssoc205.trdu as trdu, tssoc205.pstm as pstm
from tssoc205
where
tssoc205.company_nr = "&ReportVariables.IBC_company_ID1.Text&" and
tssoc205.emno =
""&ReportVariables.IBC_InforERPEnterpriseServiceServiceEmployee_ID1.Text&"" and
tssoc205.pstm >= "&ReportVariables.Today.Text&" and tssoc205.pstm < 86400
+"&ReportVariables.Today.Text&"
"
```

Sales Quote Win/Loss Ratio

Introduced in	Infor LN 10.4.1	
Purpose	Shows the Won percentage and Lost percentages against total number of processed sales quotes.	
Details	The data is obtained from Sales Quotes History tdsls151 for processed positions or lost status positions.	
Report unique name	LN_SalesQuoteWinLossRatio	
Required input	IBC_company_ID1 IBC_CurrentLanguage IBC_InforCustomerPartyMaster_ID1 IBC_InforItemMaster_ID1	
Data table	tdsls151	Sales Quotes History



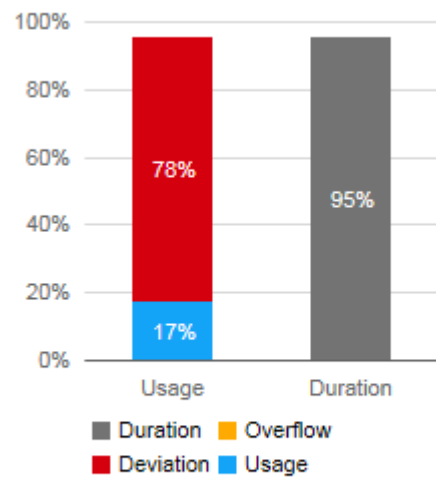
Main query	<code>= "select d2.qono, d1.qono as quote, d1.pono as position, d1.srn as alternative, d1.ofbp, d1.item, d1.ckor as type, d1.trdt as trdate, d1.sern as sern, d1.lsta as status from tdsls151 d1 left outer join tdsls151 d2 on (d1.qono = d2.qono and d1.pono = d2.pono and d1.srn = d2.srn and d1.ckor = d2.ckor and d1.company_nr = d2.company_nr and d1.trdt < d2.trdt) where d2.qono is null and d1.company_nr = "&ReportVariables.IBC_company_ID1.Text&"</code>
------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

```
and d1.offbp = "&ReportVariables.IBC_InforCustomerPartyMaster_ID1.Text&"
and d1.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"
and d1.lsta in (2, 3, 5)
order by quote, position, alternative, trdate, sern
"
```

Purchase Contract Usage vs Duration

Introduced in	Infor LN 10.4.1	
Purpose	Shows the usage percent and the duration percentage of the purchase contract.	
Details	<p>The Duration is shown as a separate column to give a perspective of what has been used to-date as percentage of the complete contract duration.</p> <p>The Usage shows the percentage which has been used of the contract quantity for this duration.</p> <p>The Deviation shows the remaining quantity (shortage) as percentage that should have been used during this duration.</p> <p>The Overflow shows the quantity (overflow) as percentage when more is used than should have been used during this duration.</p>	
Report unique name	LN_PurchaseContractUsageDuration	
Required input	IBC_company_ID1 IBC_CurrentLanguage IBC_InforContractSchedule_ID1 (=contractcode) IBC_InforContractSchedule_ID2 (=position) IBC_InforContractSchedule_ID3 (=purchase office) IBC_InforContractSchedule_ID4 (=sequence)	
Data table	tdpur301	Purchase Contract Lines

Example



Purchase Contract: PN1000129 / 10 / PDNP1 / 0

Main query

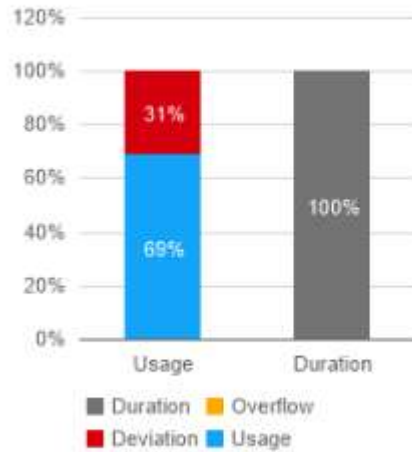
```
=  
select tdpur301.cono as cono, tdpur301.pono as pono, tdpur301.cofc as cofc,  
tdpur301.csqn as seqn,  
tdpur301.qicl as called, tdpur301.qiiv as invoiced, tdpur301.cvqp as convfactor, tdpur301.qoor  
as agreed,  
CONVERT_TZ( tdpur301.sdat,'UTC',) as startdate,  
CONVERT_TZ( tdpur301.edat,'UTC',) as enddate  
from tdpur301  
where tdpur301.company_nr = "&ReportVariables.IBC_company_ID1.Text&"  
and tdpur301.cono = "&ReportVariables.IBC_InforContractSchedule_ID1.Text&"  
and tdpur301.pono = "&ReportVariables.IBC_InforContractSchedule_ID2.Text&"  
and tdpur301.cofc = "&ReportVariables.IBC_InforContractSchedule_ID3.Text&"  
and tdpur301.csqn = "&ReportVariables.IBC_InforContractSchedule_ID4.Text&"  
"
```

Sales Contract Usage vs Duration

Introduced in	Infor LN 10.4.1
Purpose	Shows the usage percent and the duration percentage of the sales contract.
Details	<p>The Duration is shown as a separate column to give a perspective of what has been used to-date as percentage of the complete contract duration.</p> <p>The Usage shows the percentage which has been used of the contract quantity for this duration.</p> <p>The Deviation shows the remaining quantity (shortage) as percentage that should have been used during this duration.</p> <p>The Overflow shows the quantity (overflow) as percentage when more is used than should have been used during this duration.</p>
Report unique name	LN_SalesContractUsageDuration
Required input	IBC_company_ID1 IBC_CurrentLanguage IBC_InforContractSchedule_ID1 (=contractcode) IBC_InforContractSchedule_ID2 (=position) IBC_InforContractSchedule_ID3 (=sales office)
Data table	tdsls301 Sales Contract Lines

Example

< Sales Contract Usage vs Duration >



Sales Contract: FP5000001 / 10 / SOAMS1

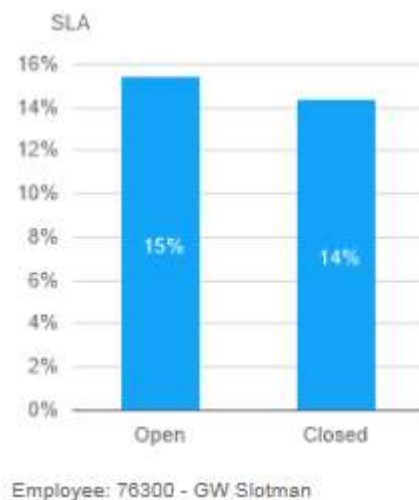
Main query

```
=  
select tdsIs301.cono as cono, tdsIs301.pono as pono, tdsIs301.cofc as cofc,  
tdsIs301.qicl as called, tdsIs301.qiiv as invoiced, tdsIs301.cvqs as convfactor, tdsIs301.qoor  
as agreed,  
CONVERT_TZ( tdsIs301.sdat,'UTC','') as startdate,  
CONVERT_TZ( tdsIs301.edat,'UTC','') as enddate  
from tdsIs301  
where tdsIs301.company_nr = "&ReportVariables.IBC_company_ID1.Text&"  
and tdsIs301.cono = "&ReportVariables.IBC_InforContractSchedule_ID1.Text&"  
and tdsIs301.pono = "&ReportVariables.IBC_InforContractSchedule_ID2.Text&"  
and tdsIs301.cofc = "&ReportVariables.IBC_InforContractSchedule_ID3.Text&"  
"
```

SLA Performance Ratio by Employee

Introduced in	Infor LN 10.4.1
Purpose	Show how much of the open (status, Assigned, In Process, Transferred) Service Calls have met the SLA and how much did not meet the agreed upon SLA.
Details	A percentage of the amount 'met SLA' to the amount 'not met SLA' is displayed.
Report unique name	LN_SLAEmployeePerformance
Required input	IBC_company_ID1 IBC_CurrentLanguage IBC_InforERPEnterpriseServiceServiceEmployee_ID1
Data table	tsclm100 Calls

Example

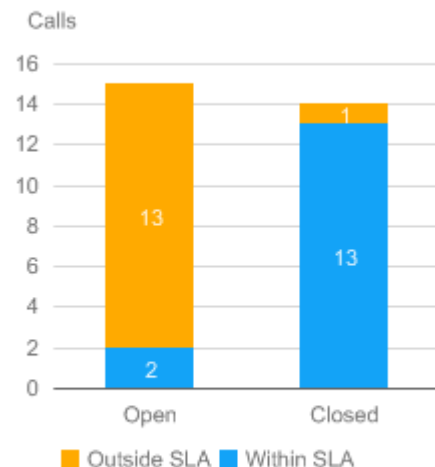


Main query	<pre> Open and met SLA ="select tsclm100.emno as emno, count(tsclm100.ccll) as calls from tsclm100 where tsclm100.company_nr = "&ReportVariables.IBC_company_ID1.Text&" and tsclm100.emno = "&ReportVariables.IBC_InforERPEnterpriseServiceServiceEmployee_ID1.Text&" and tsclm100.stat in (10, 15, 20) and tsclm100.atml >= 0 group by emno "</pre>
------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SLA Performance Values by Employee

Introduced in	Infor LN 10.4.1
Purpose	Show how much of the open (status, Assigned, In Process, Transferred) Service Calls have met the SLA and how much did not meet the agreed upon SLA.
Details	The amounts 'met SLA' and the amount 'not met SLA' are displayed.
Report unique name	LN_SLAEmployeePerformance2
Required input	IBC_company_ID1 IBC_CurrentLanguage IBC_InforERPEnterpriseServiceServiceEmployee_ID1
Data table	tsclm100 Calls

Example



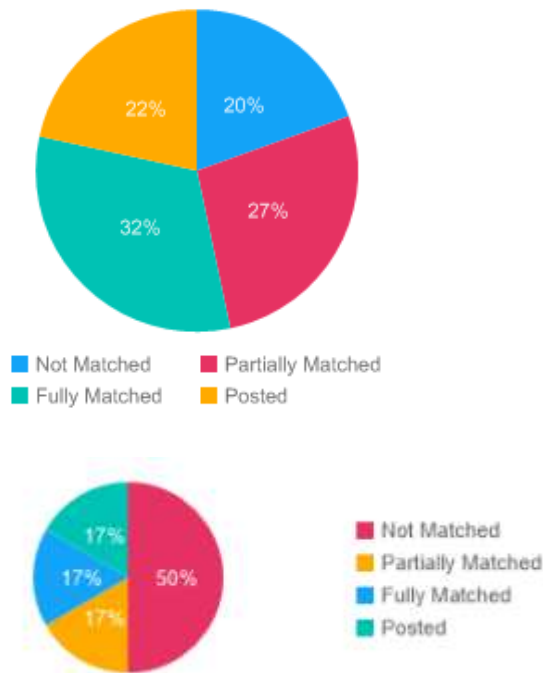
Employee: 76300 - GW Slotman

Main query	<pre> Open and met SLA = "select tsclm100.emno as emno, count(tsclm100.ccll) as calls from tsclm100 where tsclm100.company_nr = "&ReportVariables.IBC_company_ID1.Text&" and tsclm100.emno = "&ReportVariables.IBC_InforERPEnterpriseServiceServiceEmployee_ID1.Text&" and tsclm100.stat in (10, 15, 20) and tsclm100.atml >= 0 group by emno "</pre>
------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Bank Statement Matching Status

Introduced in	Infor LN 10.4.1
Purpose	Shows per imported Bank Statement, which part of the total number of bank statement lines of that Bank Statement have status “Not Matched”, “Partially Matched”, “Fully Matched” and “Posted”.
Details	The different parts of the pie chart are calculated by dividing the number of bank statement lines with a specific status (i.e. “Not Matched”), divided by the total number of bank statement lines of the imported Bank Statement.
Report unique name	LN_BankStatementMatchingStatusIC LN_BankStatementMatchingStatus
Required input	IBC_company_ID1 IBC_CurrentLanguage IBC_InforBankStatement_ID1
Data table	tfcmg511 Bank Statement Lines

Example

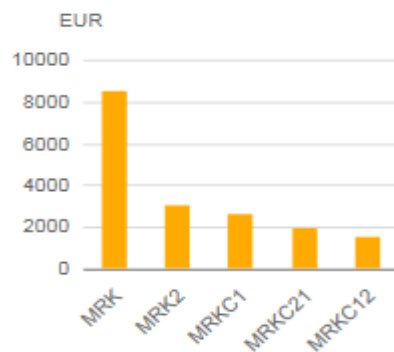


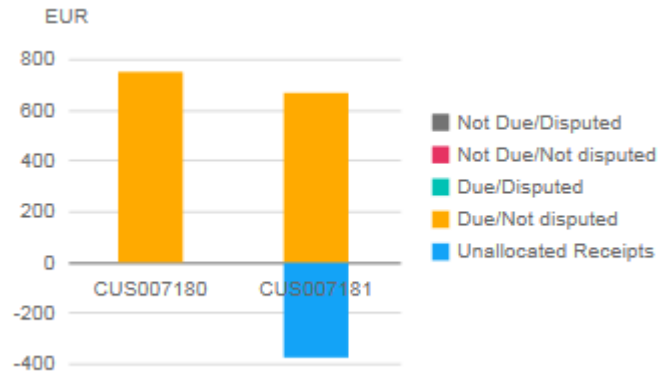
Main query	<pre> ="select tfcmg511.ebst as ebs, tfcmg511.line as line, tfcmg511.stat as status from tfcmg511 where tfcmg511.company_nr ="&ReportVariables.IBC_company_ID1.Text&" and tfcmg511.ebst="&ReportVariables.IBC_InforBankStatement_ID1.Text&" and tfcmg511.stat in (10, 20, 30, 40) order by ebs, line </pre>
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Top 5 Customer Debt by Credit Analyst

Introduced in	Infor LN 10.4.1
Purpose	The graph consists of 5 bar charts each displaying one of the top-5 customers (the ones with the largest open invoice balance) the credit analyst is responsible for.
Details	By giving per bar chart a breakdown of the total open balance amount of the top-5 customer in the following amounts, the credit analyst can easily derive the state of affairs of the accounts he is responsible for.
Report unique name	LN_TopCustomerDebtIC LN_TopCustomerDebt
Required input	IBC_company_ID1 IBC_CurrentLanguage IBC_InforPerson_ID1 (=credit analyst) IBC_InforCompany_ID1 (=financial companynumber)
Data table	tfacr307 Collections by Invoice-to Business Partner

Example

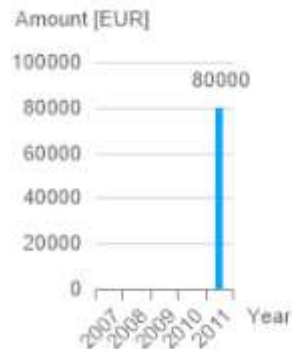




Main query

```
= "select tfacr307.ccra as emno, tfacr307.itbp customer, tfacr307.fcom as fincomp,
tfacr307.buil as balance
from tfacr307
where tfacr307.company_nr = "&ReportVariables.IBC_company_ID1.Text&"
and tfacr307.ccra = "&ReportVariables.IBC_InforPerson_ID1.Text&"
and tfacr307.fcom = "&ReportVariables.IBC_InforCompany_ID1.Text&"
order by balance desc
"
```

Customer Turnover

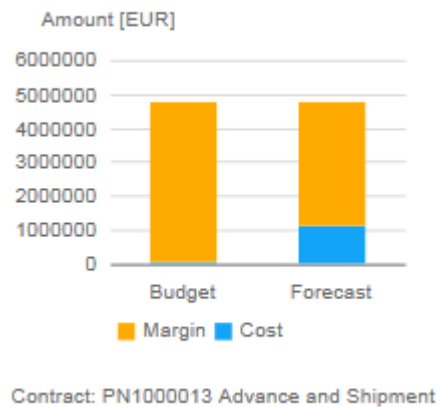
Introduced in	Infor LN 10.4.1
Purpose	Shows the turnover values by Business Partner
Details	Values must be calculated in LN
Report unique name	LN_Turnover
Required input	<div> <div>IBC_company_ID1</div> <div>IBC_CurrentLanguage</div> <div>IBC_InforCustomerPartyMaster_ID1</div> <div>IBC_Currency_ID1 (= currency)</div> <div>IBC_Turnover_ID0 (= turnover year0)</div> <div>IBC_Turnover_ID1 (= turnover year1)</div> <div>IBC_Turnover_ID2 (= turnover year2)</div> <div>IBC_Turnover_ID3 (= turnover year3)</div> <div>IBC_Turnover_ID4 (= turnover year4)</div> <div>IBC_Year_ID0 (= year0)</div> <div>IBC_Year_ID1 (= year1)</div> <div>IBC_Year_ID2 (= year2)</div> <div>IBC_Year_ID3 (= year3)</div> <div>IBC_Year_ID4 (= year4)</div> </div>
Data table	-
Example	<div> <div>Turnover</div>  <p>Business Partner: ETBP00001</p> </div>

Main query	No query executed
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Project Contract Margin

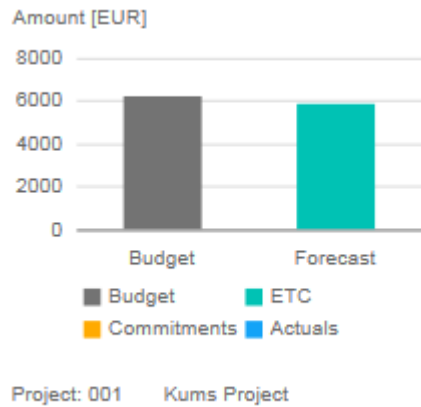
Introduced in	Infor LN 10.4.1
Purpose	Shows for the contract selected on the 360 the corresponding budgeted and forecasted margin.
Details	Values must be calculated in LN
Report unique name	LN_ProjectContractMargin
Required input	IBC_company_ID1 IBC_CurrentLanguage IBC_Currency_ID1 (= currency) IBC_InforProjectContract_ID1 (= contract) IBC_Budget_ID1 (= budget-cost) IBC_Budget_ID2 (= budget-margin) IBC_Forecast_ID1 (= forecast-cost) IBC_Forecast_ID2 (= forecast-margin)
Data table	-

Example




Main query	No query executed
------------	-------------------

Project Budget vs Forecast

Introduced in	Infor LN 10.4.1
Purpose	Shows for the project selected on the 360 the corresponding Budget compared to the total of Actual Cost and Estimate to Complete (ETC). The total of this is the Estimate at Completion (EAC).
Details	Values must be calculated in LN
Report unique name	LN_ProjectBudgetForecast
Required input	IBC_company_ID1 IBC_CurrentLanguage IBC_Currency_ID1 (= currency) IBC_InforProjectMaster_ID1 (= project) IBC_Budget_ID1 (= budget) IBC_Forecast_ID1 (= forecast-actuals) IBC_Forecast_ID2 (= forecast-commitments) IBC_Forecast_ID3 (= forecast-ETC)
Data table	-
Example	 <p>Amount [EUR]</p> <p>8000 6000 4000 2000 0</p> <p>Budget Forecast</p> <p>■ Budget ■ ETC ■ Commitments ■ Actuals</p> <p>Project: 001 Kums Project</p>
Main query	No query executed

Inventory Transactions

Introduced in	Infor LN 10.4.1	
Purpose	Shows the inventory level of a specific item for a selected warehouse or for all warehouses.	
Details	User can change the period to previous or next week by use of the arrow keys.	
Report unique name	LN_InventoryTransactions	
Required input	IBC_company_ID1 IBC_CurrentLanguage IBC_InforItemMaster_ID1 (= item code) IBC_InforLocation_ID1 (= warehouse) IBC_Unit_ID1 (= Unit) IBC_EndOfDay_ID1 (= local utc date) local utc date is the last moment (second) of the current date in local time zone.	
Data table	whinr110	Inventory Transactions by Item and Warehouse
Example		

Main query	<pre> ="select a.cwar, a.item, a.maxvalue, b.itid, b.qhnd from (select t2.company_nr, t2.cwar, t2.item, max(t2.trdt) as maxvalue from whinr110 t2 where t2.company_nr = "&ReportVariables.IBC_company_ID1.Text&" and t2.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&" and t2.cwar in (</pre>
------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

```
select t1.cwar
from whinr110 t1
where
t1.company_nr = "&ReportVariables.IBC_company_ID1.Text&" and
t1.item = "&ReportVariables.IBC_InforItemMaster_ID1.Text&"
group by t1.item, t1.cwar )
and t2.trdt <= "&ReportVariables.IBC_EndOfDay_ID1.Text&"-86400
group by t2.company_nr, t2.item, t2.cwar) a
inner join whinr110 b on a.company_nr = b.company_nr and a.item = b.item and a.cwar =
b.cwar and a.maxvalue = b.trdt
"
```

LN Analytics Foundation Report Specifications

In-Context Reports (Sales)

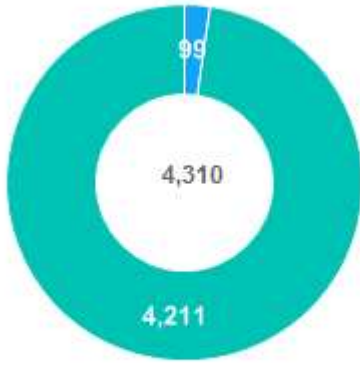
Sales Key Metrics by Customer / Sales Item / Sales Person

Introduced in	Infor LN 10.3.0
Purpose	Shows sales key metrics in base currency or reporting currency for the selected period against the previous month or the same month of the previous year.
Conditions	The user can switch to the previous or next period by using the prev./next buttons. The user can toggle between the previous month of the selected year and the same month of the previous year by pressing the Y/M button.
Required input	by Customer - IBC_InforCustomerPartyMaster_BodAE - IBC_InforCustomerPartyMaster_BodDocId by Sales Item - IBC_InforItemMaster_BodAE - IBC_InforItemMaster_BodDocId by Sales Person - IBC_InforPerson_BodAE - IBC_InforPerson_BodDocId


Example

Currency [GBP]	Reference currency ▾		
Period ◀	04/2012 ▾		▶ Y/M
Measured	03/2012	04/2012	Perc.
Gross profit	4211	0	-100%
Net Revenue	4310	0	-100%
Gross revenue	4310	0	-100%
Discounts	0	0	
COGS	99	0	-100%
Discount %	0	0	
Gross margin	98	0	-100%
Units	6	0	-100%
Average price	718	0	-100%
Number of sales	0	0	
Average sales	0	0	
Item: [DV1-422] 00121			

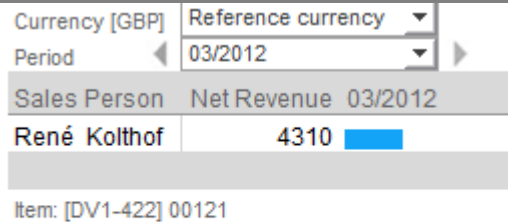
Sales Results by Customer / Sales Item / Sales Person

Introduced in	Infor LN 10.3.0
Purpose	Shows sales results COGS, Gross Profit and Discounts in base currency or reporting currency for the selected period as donut graph.
Conditions	The user can switch to the previous or next period by using the prev./next buttons. The user can toggle between the amounts and percentages by pressing the % button.
Required input	by Customer - IBC_InforCustomerPartyMaster_BodAE - IBC_InforCustomerPartyMaster_BodDocId by Sales Item - IBC_InforItemMaster_BodAE - IBC_InforItemMaster_BodDocId by Sales Person - IBC_InforPerson_BodAE - IBC_InforPerson_BodDocId
Example	<div> Currency [GBP] Reference currency ▾ Period ◀ 2012 ▶ % </div>  <div> ■ COGS ■ Discounts ■ Gross profit </div> <div>Item: [DV1-422] 00121</div>

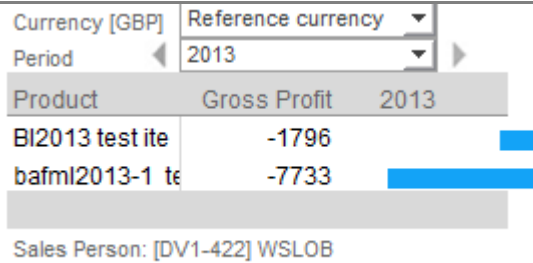
Top 10 Sales Representatives Gross Profit by Product

Introduced in	Infor LN 10.3.0
Purpose	Shows the top 10 sales representatives and their gross profit in base currency or reporting currency for the selected period and sales product.
Conditions	The user can switch to the previous or next period by using the prev./next buttons.
Required input	IBC_InforItemMaster_BodAE IBC_InforItemMaster_BodDocId
Example	 <p>Currency [GBP] Reference currency Period 2012 Sales Person Gross Profit 2012 René Kolthof 4211 Item: [DV1-422] 00121</p>

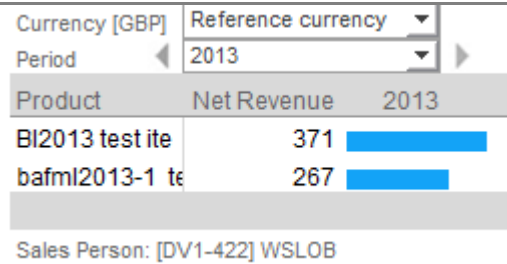
Top 10 Sales Representatives Net Revenue by Product

Introduced in	Infor LN 10.3.0
Purpose	Shows the top 10 sales representatives and their gross revenue in base currency or reporting currency for the selected period and sales product.
Conditions	The user can switch to the previous or next period by using the prev./next buttons.
Required input	IBC_InforItemMaster_BodAE IBC_InforItemMaster_BodDocId
Example	

Top 10 Products Gross Profit by Sales Representative

Introduced in	Infor LN 10.3.0
Purpose	Shows the top 10 sales items and their gross profit in base currency or reporting currency for the selected period and sales representative.
Conditions	The user can switch to the previous or next period by using the prev./next buttons.
Required input	IBC_InforPerson_BodAE IBC_InforPerson_BodDocId
Example	 <p>Currency [GBP] Reference currency Period 2013 Product Gross Profit 2013 BI2013 test ite -1796 bafml2013-1 te -7733 Sales Person: [DV1-422] WSLOB</p>

Top 10 Products Net Revenue by Sales Representative

Introduced in	Infor LN 10.3.0									
Purpose	Shows the top 10 sales items and their gross revenue in base currency or reporting currency for the selected period and sales representative.									
Conditions	The user can switch to the previous or next period by using the prev./next buttons.									
Required input	IBC_InforPerson_BodAE IBC_InforPerson_BodDocId									
Example	 <p>Currency [GBP] Reference currency Period ◀ 2013 ▶</p> <table><tr><th>Product</th><th>Net Revenue</th><th>2013</th></tr><tr><td>BI2013 test ite</td><td>371</td><td><div></div></td></tr><tr><td>bafml2013-1 te</td><td>267</td><td><div></div></td></tr></table> <p>Sales Person: [DV1-422] WSLOB</p>	Product	Net Revenue	2013	BI2013 test ite	371	<div></div>	bafml2013-1 te	267	<div></div>
Product	Net Revenue	2013								
BI2013 test ite	371	<div></div>								
bafml2013-1 te	267	<div></div>								

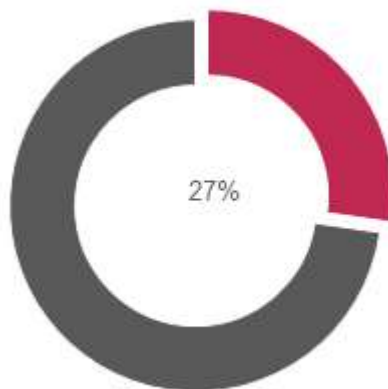
In-Context Reports (Production)

On Time Schedule Performance by Item / Location

Introduced in	Infor LN 10.3.0
Purpose	Shows on time schedule performance in percentage for the selected period as donut graph.
Conditions	The user can switch to the previous or next period by using the prev./next buttons.
Required input	by Item - IBC_InforItemMaster_BodAE - IBC_InforItemMaster_BodDocId by Location - IBC_InforLocation_BodAE - IBC_InforLocation_BodDocId

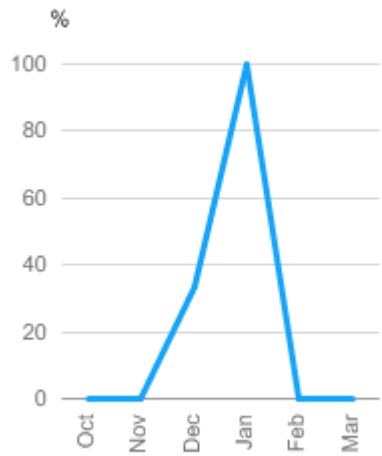
Example

Period ◀ 2009 ▶



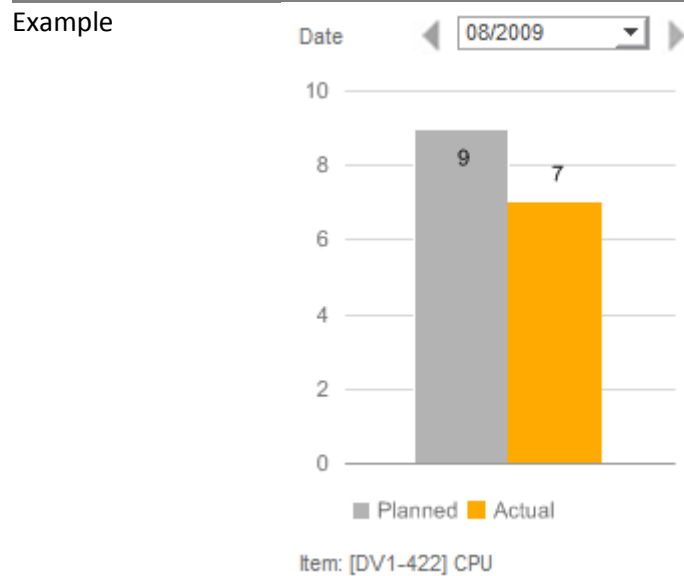
Item: [DV1-422] CPU

On Time Schedule Performance Trend by Item / Location

Introduced in	Infor LN 10.3.0
Purpose	Shows the On Time Schedule Performance in percentage for the selected month and the 6 previous months.
Conditions	The user can switch to the previous or next period by using the prev./next buttons.
Required input	by Item - IBC_InforItemMaster_BodAE - IBC_InforItemMaster_BodDocId by Location - IBC_InforLocation_BodAE - IBC_InforLocation_BodDocId
Example	<div><div>Date ◀ 03/2009 ▶</div><p>Item: [DV1-422] CPU</p></div>

Production Planned vs. Actual Quantity by Item / Location

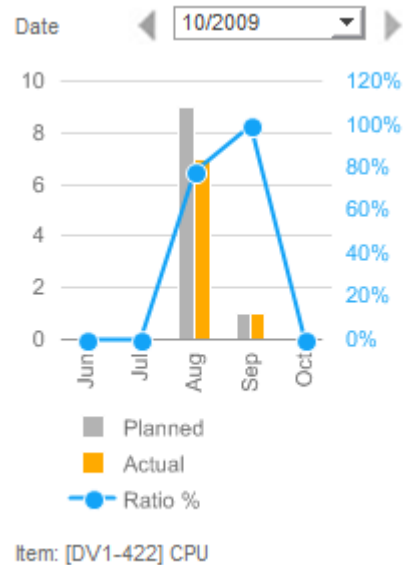
Introduced in	Infor LN 10.3.0
Purpose	Shows the planned and actual production quantity as bars for the selected date.
Conditions	The user can switch to the previous or next period by using the prev./next buttons.
Required input	by Item - IBC_InforItemMaster_BodAE - IBC_InforItemMaster_BodDocId by Location - IBC_InforLocation_BodAE - IBC_InforLocation_BodDocId



Production Planned vs. Actual Quantity Trend by Item / Location

Introduced in	Infor LN 10.3.0
Purpose	Shows the planned and actual production quantity as bars and the production ratio as percentage for the selected month and the 4 previous months.
Conditions	The user can switch to the previous or next period by using the prev./next buttons.
Required input	by Item - IBC_InforItemMaster_BodAE - IBC_InforItemMaster_BodDocId by Location - IBC_InforLocation_BodAE - IBC_InforLocation_BodDocId

Example



Production Planned vs. Actual Duration by Item / Location

Introduced in	Infor LN 10.3.0						
Purpose	Shows the planned and actual production hours as bars for the selected date.						
Conditions	The user can switch to the previous or next period by using the prev./next buttons.						
Required input	by Item - IBC_InforItemMaster_BodAE - IBC_InforItemMaster_BodDocId by Location - IBC_InforLocation_BodAE - IBC_InforLocation_BodDocId						
Example	<div><div>Date◀08/2009▶</div><table><tr><th>Category</th><th>Planned</th><th>Actual</th></tr><tr><td>Item: [DV1-422] CPU</td><td>4</td><td>0</td></tr></table><div>■ Planned ■ Actual</div><div>Item: [DV1-422] CPU</div></div>	Category	Planned	Actual	Item: [DV1-422] CPU	4	0
Category	Planned	Actual					
Item: [DV1-422] CPU	4	0					

Production Planned vs. Actual Duration Trend by Item / Location

Introduced in	Infor LN 10.3.0
Purpose	Shows the planned and actual production hours as bars and the lead time as percentage for the selected month and the 4 previous months.
Conditions	The user can switch to the previous or next period by using the prev./next buttons.
Required input	by Item - IBC_InforItemMaster_BodAE - IBC_InforItemMaster_BodDocId by Location - IBC_InforLocation_BodAE - IBC_InforLocation_BodDocId

Example

