

HPE IT Business Analytics Documentation Library



Software version: 9.40, 9.41, 9.50, 10.00, 10.10

Documentation version: Thursday, August 11, 2016

This document provides the most up-to-date version of the product's documents available on the [HP Software Product Manuals portal](#). This site requires that you register for an HPE Passport and sign in. If you do not have one, click the **New users - please register** link on the HPE Passport login page to register.

Note: Click “[go](#)” links to access the specified document version on the portal. A subtle italic “*go*” link indicates the document has not changed in the specified release. “*” indicates a new document is being introduced. To receive notifications of documentation updates, see [Register for Documentation Change Notifications](#).

The document is also a catalog of the product's documents that are downloaded with the **<product_version>_All_Manuals.zip** bundled doc set, providing an overview of each document.

Note: In version 10.00, the product name was changed from **HPE IT Executive Scorecard (XS)** to **HPE IT Business Analytics (ITBA)**.

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HPE IT Business Analytics 10.10

Core Documents

To download the document, click the corresponding [go](#) link.

Document Name	Download from SSO↓	Comment
	10.10	
All Manuals Download	go	<p>A ZIP file that includes all the documents related to the version.</p> <p>To use: After downloading, unzip the set to a local directory. Use Acrobat's Advanced Search feature to search for key words across the doc set.</p>
Read first!		
Release Notes	go	what's new, what's fixed, known issues, deprecation announcements, documentation update notices, upgrade advice.
Support Matrix	go	supported products, operating systems, infrastructure, and browsers; also includes integration product compatibility.
Getting Started Guide	go	contains the Quick Access Chart to quickly access any part of the documentation; the list of steps to perform to begin working with the product; a description of components; a description of the Content Acceleration Packs (CAPs); a summary of the integrations, contexts, and KPIs and Metrics; common use-cases; common customization flows; how to find information.
Performance Benchmark	go	outlines the reasonable performance of the product in specific data and functional workload conditions run within HPE Performance Labs to provide a benchmark for reference purposes.
Installation, Deployment, and Upgrade		
Installation Guide	go	provides the installation steps.

Document Name	Download from SSO↓	Comment
	10.10	
Upgrade Guide	go	provides the instructions for the upgrade from ITBA 10.00 to ITBA 10.10.
Migration Guide	go*	provides the instructions for the migration from XS 9.50 to ITBA 10.10.
Administration		
Administrator Guide	go	information required to maintain, monitor, and configure BA as well as setting up users and their permissions, configuring the settings and more.
User Guides		
Business Analyst Guide	go go (Japanese)	provides instruction on how to use out-of-the-box or how to create and activate Scorecards, Perspectives, Objectives, Metrics, and KPIs, Dashboard components and pages to be used by the end user to view and analyze the enterprise relevant business objectives.
Content Reference Guide	go	integrates with: Application Lifecycle Management, Asset Manager, Amazon Web Services, Amazon Web Service CloudWatch, Azure, Configuration Management System (CP0001), Cloud Optimizer, Cloud Service Automation, Project and Portfolio Management, Server Automation, Service Manager. Also includes the list of KPIs, Metrics and their description. This information is also located in the CAPs Guide and in the Library of KPIs and Metrics in Excel format.
Additional Helpful Documents		
Content Acceleration Packs (CAPs) Guide	go	includes the descriptions of all the Content Acceleration Packs: VP of Ops, VP of Apps, CMS and CMS_Demo (CP0001), CSA and CSA_Demo, SM and SM_Demo, PPM and PPM_Demo, ALM and ALM_Demo, AM and AM_Demo, and SA and SA_Demo.
Data Usage Overview	go	provides a graphic view of the application data usage.
ETL Process and Architectural Overview	go	provides a graphic view of the ETL process from the data source to the Dashboard page display through the file system, DWH staging database, DWH target database, Web Application server, and Business

Document Name	Download from SSO↓	Comment
	10.10	
		Objects server
KPIs and Metrics Library in Excel Format	go	provides details about the KPIs and Metrics, their description, data sources, business question and objective, context, formula, thresholds, unit, and time period, in Excel format
List of Entities in Excel Format	-	provides the list of entities, their data source, their extraction entity, consolidation entity, fact entity, and dimension entity, in Excel format In 10.10, the list is merged into the Content Reference Guide.
Open Source and Third Party License Agreement Guide	go	provides the list of open source licenses and third party licenses used by ITBA.
Index of Knowledgebase Articles		available in https://hpln.hpe.com/contentoffering/it-business-analytics-content-release > Resources .
Error Messages	go	provides a subset of the error messages used in the application.
FIPs Compliance Statement	go	ITBA complies with the Federal Information Processing Standard 140-2 (FIPS 140-2).
Content Extension Guide	go	provides the steps used to work with the Integrated Development Environment (IDE) that allows you to develop content, DWH models, new entities and to extend existing content
DCS Extractor SDK Guide	go	provides the steps used to work with the Data Collection Service (DCS) feature to enable you to extract data from a specific data source according to a set of instructions (published post-release).
Security Guide	go	how to implement your ITBA environment in a secure manner.
Utility Tools Guide	go*	describes the tools you can use to help you manage or debug IT Business Analytics. Some of the tools are documented in their respective guides and this guide just points to these locations. Other tools are only documented here. Some of the tools themselves are

Document Name	Download from SSO↓	Comment
	10.10	
		included in the application, others are available from https://hpln.hpe.com/group/it-business-analytics , click Resources , and 5. Tools , select the relevant version, and then the tool.

Content Packs

To download the document, click the corresponding [go](#) link.

Document Name	Download from SSO↓	Comment
	10.10	
Content Pack 0001	go	<p>This release includes an enhanced Content Pack for the integration with Cloud Server Automation (CSA), including a new billing details report (Showback Details for Cloud Services) that shows the option level cost and property level cost, as well as a the capability to get component data from the customized CSA service designer for the Amazon Web Service (AWS) Resource Provider.</p> <p>IT Business Analytics 10.10 Content Pack 0001 Release Notes - go</p> <p>IT Business Analytics 10.10 Support Matrix - go</p> <p>Cloud Analytics E2E Guide - go</p>

Service Pack

To download the document, click the corresponding [go](#) link.

Movies

To access movies in the application, click **Help** in the top right corner of the application main page and select the **Movies** option. Movies are also available from <http://www.youtube.com/user/eScorecard>. 9.40 movies are available in <http://www.youtube.com>, search for the relevant version.

To download the movie, click the corresponding [go](#) link.

Movie Name	Download	Comment
	10.10	
0. E2E Data Flow	go	
1. Activate Data Source	go	
2. Create New Business Context	go	
3. Create New User	go	
4. Manage Content Acceleration Packs	go	
5. Run the ETL	go	
6. Add Annotation and Use Action Bar	go	
7. Create a New Dashboard Page	go	
8. Filter Components	go	
9. Configure a Calculation for an Objective	go	
10. Configure a KPI Formula	go	
11. Create KPI Breakdowns and Configure Breakdown Overrides	go	
12. Build a Scorecard Tree and Create a New KPI	go	
13. Create a New Metric	go	
14. Create Cascading Scorecards	go	
15. Modify a KPI Configuration	go	

Movie Name	Download	Comment
	10.10	
16. Schedule Automatic KPI Context Calculation	go	
22. Renew a License	go	
23. Permissions	go	
24. Find Information	go	
25. Embeddability	go	
26. Schedule Import Excel File	go	
27. LDAP	go	
28. Forecast	go	
29. Understanding the documentation	go	
30. Dashboard Page Components	go	
31. Entity Report Email Notification	go	
33. Sorting in the Scorecard Component	go	
34. Consolidate Entities On Demand	go	
36. Dimension Permissions	go	
37. Explorer	go	
40. End User Features	go	
41. SM and SM_Demo CAPs	go	
42. PPM and PPM_Demo CAPs	go	
43. ALM and ALM_Demo CAPs	go	
44. GUI Installation	go	
45. Silent Installation	go	
47. CSA and CSA_Demo CAPs	go*	
48. AM and AM_Demo CAPs	go*	
49. What-If for Objectives	go*	
50. SA and SA_Demo CAPs	go*	
51. Console Installation	go*	
52. ETL Toolkit	go*	

Movie Name	Download	Comment
	10.10	
53. Breakdown On-Demand	go*	
54. Upgrade	go*	
55. Migration	go*	
58. Optional - Install BOE on a Linux Server	go*	
59. Optional - Install BOE on a Windows Server	go*	

Training Plan

This section provides training plans.

To download the relevant documents or movies or to access the information, click the corresponding [go](#) link, or if there is no link or if you want to view the formal training possibilities, click <https://hpeln.hp.com/group/it-business-analytics>, click **Resources**, expand **Training**, and click **Index of Trainings on Software Education Services**. Note that you have to register.

This intensive hands-on workshop will take students through the essential steps of learning to install IT Business Analytics (ITBA), as well as to upgrade to the new release and to migrate from the previous release. After understanding the architecture of ITBA and learning about the Admin capabilities and the utility tools to manage and administer the product, students will learn how to perform integrations with other products via out-of-the-box Content Packs, to obtain out-of-the box KPIs, Metrics, Breakdowns, and Dashboard pages. Finally, students will learn how to customize KPIs and Metrics, create Dashboard pages, and create new Content Packs using the IDE and DCS, as well as Content Acceleration Packs (CAPs).

IT Business Analytics (ITBA) 10.10 **Internal** Self-Paced Training, Level 380 is available at https://hpe.sabacloud.com/Saba/Web_spf/HPE/common/ledetail/cours000000001142249

- LEC01_ITBA10.10_Architecture.pptx
- LEC02_ITBA-What's New_10.10.pptx
- LEC03_ITBA10.10_Intstallation.pptx
Exercise: EX03_ITBA10.10_Installation.docx
- LEC04_Vertica Installation Introduction.pptx
- LEC05_ITBA10.10_BOE4.1sp3_Installation.pptx
Exercise: EX05_ITBA10.10_BOE Linkage.docx

- LEC06_ITBA10.10_ETL_Toolkit.pptx
Exercise: EX06_ITBA10.10_ETL_Toolkit.docx
- LEC07_ITBA10.10_Log_Toolkit.pptx,
- LEC08_ITBA10.10_Main_Toolkit.pptx,
- LEC09_ITBA10.10_Application.pptx
Exercise: EX09_ITBA10.10_Application.docx
- LEC10_ETL_Process_and_Architectural_Overview.pdf,
- LEC11_ITBA_DWH_10.10_Architecture.pptx,
- LEC12_ITBA10.10_Content.pptx
Exercise: EX12_ITBA10.10_Content.docx
- LEC13_ITBA10.10_IDE.pptx
Exercise: EX13_ITBA10.10_IDE.docx
- LEC14_ITBA_10.10_DCS.pptx
Exercise: EX14_ITBA10.10_DCS.docx
- LEC15_ITBA10.10_Upgrade.pptx
Exercise: EX15_ITBA10.10_Upgrade.docx
- LEC16_ITBA10.10_Migration.pptx,
- LEC17_ITBA10.10_Performance.pptx,
- LEC18_Vertica_Maintenance.pptx
Exercise: EX18_Vertica backup and restore.docx
- LEC19_ITBA_10.10_Maintenance and Trouble Shooting.pptx,

HPE IT Business Analytics 10.00

Core Documents

To download the document, click the corresponding [go](#) link.

Document Name	Download from SSO↓	Comment
	10.00	
All Manuals Download	go	A ZIP file that includes all the documents related to the version. To use: After downloading, unzip the set to a local directory. Use Acrobat's Advanced Search feature to search for key words across the doc set.
Read first!		
Release Notes	go	what's new, what's fixed, known issues, deprecation announcements, documentation update notices, upgrade advice.
Support Matrix	go	supported products, operating systems, infrastructure, and browsers; also includes integration product compatibility.
Getting Started Guide	go	contains the Quick Access Chart to quickly access any part of the documentation; the list of steps to perform to begin working with the product; a description of components; a description of the Content Acceleration Packs (CAPs); a summary of the integrations, contexts, and KPIs and Metrics; common use-cases; common customization flows; how to find information.
Performance Benchmark	go	outlines the reasonable performance of the product in specific data and functional workload conditions run within HPE Performance Labs to provide a benchmark for reference purposes.
Installation, Deployment, and Upgrade		
Installation Guide	go	provides the installation steps.
Administration		
Administrator Guide	go	information required to maintain, monitor, and configure BA as well as setting up users and their permissions, configuring the settings

Document Name	Download from SSO↓	Comment
	10.00	
		and more.
User Guides		
Business Analyst Guide	go go (Japanese)	provides instruction on how to use out-of-the-box or how to create and activate Scorecards, Perspectives, Objectives, Metrics, and KPIs, Dashboard components and pages to be used by the end user to view and analyze the enterprise relevant business objectives.
Content Reference Guide	go	integrates with: Application Lifecycle Management, Asset Manager (CP0003), Amazon Web Services (CP0001), Amazon Web Service CloudWatch (CP0001), Azure (CP0002), Configuration Management System (CP0004), Cloud Service Automation, Project and Portfolio Management, Server Automation, Service Manager, Virtual Performance View (CP0002). Also includes the list of KPIs, Metrics and their description. This information is also located in the CAPs Guide and in the Library of KPIs and Metrics in Excel format.
Additional Helpful Documents		
Content Acceleration Packs (CAPs) Guide	go	includes the descriptions of all the Content Acceleration Packs: VP of Ops, VP of Apps, AM and AM_Demo (CP0003), CMS and CMS_Demo (CP0004), CSA and CSA_Demo, SM and SM_Demo, PPM and PPM_Demo, and ALM and ALM_Demo.
Data Usage Overview	go	provides a graphic view of the application data usage.
ETL Process and Architectural Overview	go	provides a graphic view of the ETL process from the data source to the Dashboard page display through the file system, DWH staging database, DWH target database, Web Application server, and Business Objects server
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List of Entities in Excel Format	go	provides the list of entities, their data source, their extraction entity, consolidation entity, fact entity, and dimension entity, in Excel format In 10.10, the list is merged into the Content Reference Guide.
Open Source	go	provides the list of open source licenses and third party licenses

Document Name	Download from SSO↓	Comment
	10.00	
and Third Party License Agreement Guide		used by ITBA.
Index of Knowledgebase Articles	go	available in https://hpln.hpe.com/contentoffering/it-business-analytics-content-release > Resources .
Error Messages	go	provides a subset of the error messages used in the application.
FIPs Compliance Statement	-	ITBA complies with the Federal Information Processing Standard 140-2 (FIPS 140-2).
Content Extension Guide	go	provides the steps used to work with the Integrated Development Environment (IDE) that allows you to develop content, DWH models, new entities and to extend existing content
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Utility Tools Guide	go*	describes the tools you can use to help you manage or debug IT Business Analytics. Some of the tools are documented in their respective guides and this guide just points to these locations. Other tools are only documented here. Some of the tools themselves are included in the application, others are available from https://hpln.hpe.com/group/it-business-analytics , click Resources , and 5. Tools , select the relevant version, and then the tool.

Content Packs

To download the document, click the corresponding [go](#) link.

Document Name	Download from SSO↓	Comment
	10.00	
Content Pack 0001	go	<p>This release includes an enhanced Content Pack for the integration with Cloud Server Automation (CSA), including a new billing details report (Showback Details for Cloud Services) that shows the option level cost and property level cost, as well as a the capability to get component data from the customized CSA service designer for the Amazon Web Service (AWS) Resource Provider.</p> <p>HPE Business Analytics 10.00 Content Pack 0001 Release Notes - go</p>
Content Pack 0002	go	<p>The IT Business Analytics 10.00 Content Pack 0002 release provides:</p> <ul style="list-style-type: none"> An updated and enhanced cloud integration that includes: <ul style="list-style-type: none"> The new Azure Content Pack to obtain Microsoft Azure public cloud data including Azure billing, resource consumption, and VM resource utilization information. For details, see Integration with Azure. The new Virtual Performance View (vPV) Content Pack to obtain: <ul style="list-style-type: none"> VMware VCenter private cloud data including VM cost and consumption, VM utilization, and VM allocation information. Helion OpenStack Version 2.0 private cloud data including VM cost and consumption, VM utilization, and VM allocation information. <p>For details, see Integration with vPV.</p> <ul style="list-style-type: none"> An enhanced CSA Content Pack that provides the new Resource Usage and Utilization for Consumer and Resource Usage and Utilization for Resource Supply Manager reports. For details, see CSA_Demo and CSA Content Acceleration Packs. An enhanced Amazon Web Services (AWS) Content Pack that provides the new Amazon EC2 Instance Usage and Utilization report. For details, see The new Server Automation (SA) Content Pack to obtain Server Automation data including Node, Job, Policy, and Compliance information. The Content Pack also includes new SA KPIs. For

Document Name	Download from SSO↓	Comment
	10.00	
		<p>details, see CSA_Demo and CSA Content Acceleration Packs.</p> <p>HPE IT Business Analytics 10.00 Support Matrix - go</p> <p>HPE IT Business Analytics 10.00 Content Pack 0002 Release Notes - go</p>
Content Pack 0003	go	<p>IT Business Analytics 10.00 Content Pack 0003 provides:</p> <ul style="list-style-type: none"> • New integration with HPE Asset Manager 9.41 and 9.50 based on MSSQL/ORACLE • New AM KPIs on Asset Lifecycle, Procurement, Finance, Vendor Contract and Software License • All contents of CP0001 and CP0002 <p>HPE IT Business Analytics 10.00 Support Matrix - go</p> <p>HPE IT Business Analytics 10.00 Content Pack 0003 Release Notes - go</p>
Content Pack 0004	go	<p>IT Business Analytics 10.00 Content Pack 0004 provides:</p> <ul style="list-style-type: none"> • New integration with HPE Configuration Management System (CMS) 10.1 and 10.2 • The CMS and CMS_demo CAPs. • The CMS Content Pack. • Support for HPE Cloud Service AutomationCSA 4.6 • Support for HPE Application Lifecycle ManagementALM 12.2, and 12.5 • A hotfix for CMS CAC. • A KPI formula limitation • When and how to clean ETL Data after upgrade to CP0004. • All contents of CP0001, CP0002, and CP0003. <p>HPE IT Business Analytics 10.00 Support Matrix - go</p> <p>HPE IT Business Analytics 10.00 Content Pack 0004 Release Notes - go</p> <p>HPE IT Business Analytics 10.00 Content Reference Guide - go</p> <p>HPE IT Business Analytics 10.00 Content Acceleration Packs (CAPs) Guide - go</p>

Movies

To access movies in the application, click **Help** in the top right corner of the application main page and select the **Movies** option. Movies are also available from <http://www.youtube.com/user/eScorecard>. 9.40 movies are available in <http://www.youtube.com>, search for the relevant version.

To download the movie, click the corresponding [go](#) link.

Movie Name	Download	Comment
	10.00	
0. E2E Data Flow	go	
1. Activate Data Source	go	
2. Create New Business Context	go	
3. Create New User	go	
4. Manage Content Acceleration Packs	go	
5. Run the ETL	go	
6. Add Annotation and Use Action Bar	go	
7. Create a New Dashboard Page	go	
8. Filter Components	go	
9. Configure a Calculation for an Objective	go	
10. Configure a KPI Formula	go	
11. Create KPI Breakdowns and Configure Breakdown Overrides	go	
12. Build a Scorecard Tree and Create a New KPI	go	
13. Create a New Metric	go	
14. Create Cascading Scorecards	go	
15. Modify a KPI Configuration	go	
16. Schedule Automatic KPI Context Calculation	go	
22. Renew a License	go	
23. Permissions	go	
24. Find Information	go	

Movie Name	Download	Comment
	10.00	
25. Embeddability	go	
26. Schedule Import Excel File	go	
27. LDAP	go	
28. Forecast	go	
29. Understanding the documentation	go	
30. Dashboard Page Components	go	
31. Entity Report Email Notification	go	
33. Sorting in the Scorecard Component	go*	
34. Consolidate Entities On Demand	go*	
36. Dimension Permissions	go*	
37. Explorer	go*	
40. End User Features	go*	
41. SM and SM_Demo CAPs	go*	
42. PPM and PPM_Demo CAPs	go*	
43. ALM and ALM_Demo CAPs	go*	
44. GUI Installation	go*	
45. Silent Installation	go*	

Training Plan

This section provides training plans.

To download the relevant documents or movies or to access the information, click the corresponding [go](#) link, or if there is no link or if you want to view the formal training possibilities, click <https://hpeln.hp.com/group/it-business-analytics>, click **Resources**, expand **Training**, and click **Index of Trainings on Software Education Services**. Note that you have to register.

This intensive hands-on workshop will take students through the essential steps of learning to install IT Business Analytics (ITBA), as well as to upgrade to the new release and to migrate from the previous release. After understanding the architecture of ITBA and learning about the Admin capabilities and the

utility tools to manage and administer the product, students will learn how to perform integrations with other products via out-of-the-box Content Packs, to obtain out-of-the box KPIs, Metrics, Breakdowns, and Dashboard pages. Finally, students will learn how to customize KPIs and Metrics, create Dashboard pages, and create new Content Packs using the IDE and DCS, as well as Content Acceleration Packs (CAPs).

ITBA 10.00 Training

Introduction

Support Matrix

Architecture

Linux Basic

- Lab#1 Linux Exercise
-

Vertica Architecture

- Lab#2 Vertica Installation
-

BOE on Linux

Vertica Backup & Restore

- Lab#3 Vertica Backup & Restore
-

Vertica Project Design

- Lab#4 Vertica Project Design
-

Installation Overview

- 44. GUI Installation movie --- [go](#)
 - 45. Silent Installation movie --- [go](#)
 - Lab#5 ITBA Installation
-

Postgres Basic

- Lab#6 Postgres Basic

New Features in Platform

- Support for Vertica
- External SAP BOE

New Features in Application

- Lab#8 Dimension Permission
- 36. Dimension Permission movie --- [go](#)

New Features in Content (CPM)

- 0. E2E Data Flow movie --- [go](#)

New Features in Content (CFM/DCS/ETL)

- 5. Run the ETL movie --- [go](#)

New Features in Content (Consolidation)

- 34. Consolidate Entities On-Demand movie --- [go](#)

Lab#9 ITBA Integration

Lab#10 Consolidation

Performance Benchmark

New IDE

- Lab#11 New IDE

HP IT Executive Scorecard 9.40, 9.41, and 9.50

Core Documents

To download the document, click the corresponding [go](#) link.

Documentation Name	Download from SSO↓			Comment
	9.40	9.41	9.50	
All Manuals Download	go	go	go	<p>A ZIP file that includes all the documents related to the version.</p> <p>To use: After downloading, unzip the set to a local directory. Use Acrobat's Advanced Search feature to search for key words across the doc set.</p>
Read first!				
Release Notes	go	go	go	what's new, what's fixed, known issues, deprecation announcements, documentation update notices, upgrade advice.
Support Matrix	go	go	go	supported products, operating systems, infrastructure, and browsers; also includes integration product compatibility.
Getting Started Guide	go	go	go	contains the Quick Access Chart to quickly access any part of the documentation; the list of steps to perform to begin working with XS; a description of XS components; a description of the Content Acceleration Packs (CAPs); a summary of the integrations, contexts, and KPIs and Metrics; common use-cases; common customization flows; how to find information.
Capacity Calculator	-	-	go*	helps you predict system behavior and perform capacity planning for XS to help you determine whether your configuration requires tuning.
Performance Benchmark	-	-	go*	outlines the reasonable performance of XS in specific data and functional workload conditions run within

Documentation Name	Download from SSO↓			Comment
	9.40	9.41	9.50	
			go*	HPE Performance Labs to provide a benchmark for reference purposes.
Installation, Deployment, and Upgrade				
Installation Guide	go	-	go	provides the installation steps. 9.41 - Important Note: If you install 9.41 for the first time, you must first install 9.40 and then upgrade to 9.41.
Upgrade Guide	go	go	go	provides the upgrade instructions.
Administration				
Administrator Guide	go	go	go	information required to maintain, monitor, and configure XS as well as setting up users and their permissions, configuring the settings and more.
User Guides				
Business Analyst Guide	go	go	go	provides instruction on how to use out-of-the-box or how to create and activate Scorecards, Perspectives, Objectives, Metrics, and KPIs, Dashboard components and pages to be used by the end user to view and analyze the enterprise relevant business objectives.
Financial Analyst Guide	go	go	go	9.4x and 9.50: Helps you make IT financial decisions by providing transparency and helping you manage IT finances by consolidating and allocating planned and actual costs from Asset Manager and Project and Portfolio Management, as well as alternate data sources to help IT manage those costs.
Reports Reference Guide	go	go	go	9.4x and 9.50: Provides information on all the reports.
Content Reference Guide	go	go	go	9.4x and 9.50: Each integration is described in its own Content Reference Guide. The Content Reference Guides and a general Content Reference Guide are grouped into a ZIP file. The product integrates with: Application Lifecycle Management, Asset Manager, Application Portfolio Management, Business Service Management, Cloud Service Automation, Data Protector, Insight Control, Network Automation, Network Node Manager, Operation

Documentation Name	Download from SSO↓			Comment
	9.40	9.41	9.50	
				Orchestration, Project and Portfolio Management, Storage Essentials, Server Automation, Service Manager, Universal Configuration Management Database, Amazon Web Services, Amazon Web Service CloudWatch (XS 9.41), Hyper-V (XS 9.41), and vCenter Chargeback Manager.
List of KPIs, Metrics, and Data Lineage Reference Guide	go	-	-	9.41 and 9.50: Merged in the Content Reference Guides from version 9.41. Provides details about the KPIs and Metrics, their description, data sources, business question and objective, context, formula, thresholds, unit, time period, and data lineage graph.
Content Customization Best Practices	-	-	go	Provides best practices for the customization of content.

Additional Helpful Documents

To download the document, click the corresponding [go](#) link.

Documentation Name	Download from SSO↓			Comment
	9.40	9.41	9.50	
Content Acceleration Packs (CAPs) Guide	-	-	go	9.50: Includes a description of all the Content Acceleration Packs (VP of Ops, VP of Apps, Cloud Optimization, Security Enterprise, CSA, CSA_Demo, ITFM, SM, and PPM). You can access documentation specific for each CAP from the Documentation button in the CAP page in the application. CSA, CSA_Demo, ITFM, SM, and PPM are new in 9.50 Also includes the list of KPIs, Metrics and their description. This information is also located in the Content Guide and in the Library of KPIs and Metrics in Excel format.
Cloud Optimization CAP Guide	go	go	-	
VP of Operations	go	go	-	

Documentation Name	Download from SSO↓			Comment
	9.40	9.41	9.50	
CAP Guide				
VP of Applications CAP Guide	go	go	-	
Security Enterprise CAP Guide	go	go	-	
Cloud CAP Guide	go	-	-	
Getting Started with XS on Mobiles	-	-	go go	9.50: Version 0.98 - works with XS 9.50 9.50: Version 1.00 - works with XS 9.50
Getting Started with Cloud Analytics for Tablet	go	go	go	
Getting Started with XS for Smartphone	go	go	-	
Getting Started with XS for Tablet	go	go	-	
Getting Started with IT Financial Management for Tablet	go	go	-	
Data Usage Overview	-	go	go	provides a graphic view of the application data usage.
ETL Process and Architectural Overview	go	go	go	provides a graphic view of the ETL process from the data source to the Dashboard page display through the file system, DWH staging database, DWH target database, Web Application server, and Business Objects server
KPIs and Metrics Library in Excel Format	go	go	go	provides details about the KPIs and Metrics, their description, data sources, business question and objective, context, formula, thresholds, unit, and time period, in Excel format
List of Entities in Excel Format	go	go	go	provides the list of entities, their data source, their extraction entity, consolidation entity, fact entity, and dimension entity, in Excel format
List of ITFM KPIs	-	go	go	provides details about the KPIs related to ITFM,

Documentation Name	Download from SSO↓			Comment
	9.40	9.41	9.50	
in Excel Format				their description, data sources, business question and objective, context, formula, thresholds, unit, and time period, in Excel format
Open Source Guide	go	go	go	provides the list of open source licenses and third party licenses used by XS.
Troubleshooting Guide (9.40) Knowledgebase Reference Guide (9.41)	go*	go	-	9.41: Includes troubleshooting, error messages, and knowledgebase articles – also available as separate articles in the SSO Knowledgebase site for XS. 9.50: Troubleshooting and knowledgebase articles are available in the Support Site. The Index of Knowledgebase Articles is also available in HPLN.hp.com/group/IT_business_analytics > Resources .
Error Messages	-	-	go*	provides a subset of the error messages used in the application.
Content Extension Guide	go	go	go	provides the steps used to work with the Integrated Development Environment (IDE) that allows you to develop content, DWH models, new entities and to extend existing content
FBI Extractor SDK Guide	go	go	go	provides the steps used to work with the File Based Integration (FBI) feature to enable you to extract data from a specific data source according to a set of instructions.
Outsized Data Lineage Graphs	-	go	go	provides a .ZIP file that includes the data lineage graphs that are too large to be included with the relevant KPI or Metric
Business Automation Certificate	go	go	go	related to the Telecom Management Forum (TMF) KPIs.
Security Guide	-	-	-	how to implement your XS environment in a secure manner.

Patches

To download the document, click the corresponding [go](#) link.

Documentation Name	Download from SSO↓	Comment
	9.50	
Patch 01	go	Security patch
Patch 02	go	<p>This patch include fixes to general issues and improvements to the integration with CSA.</p> <p>If you integrate with Cloud Service Automation, you need to consult the following documents that have been updated for Patch 02:</p> <ul style="list-style-type: none"> IT Executive Scorecard XS-CSA Integration E2E guide for XS 9.50 – go Installation Guide – go Administrator Guide – go CSA and CSA_Demo Content Acceleration Pack Guide – go Content Reference Guide for the Integration with Cloud Service Automation, Content Reference Guide for the Integration with Amazon Web Services, Content Reference Guide for the Integration with Amazon Web Service CloudWatch, Content Reference Guide for the Integration with Hyper-V, and Content Reference Guide for the Integration with vCenter Chargeback Manager (these documents are available in the X9.50_ContentReferenceGuides.ZIP file) – go
Patch 03 Revision 2	go	<p>This patch includes support for Service Manager9.40, Server Automation 10.2, and new KPIs compliant with PinkVERIFY™.</p> <p>Consult the following documents:</p> <ul style="list-style-type: none"> IT Executive Scorecard XS 9.50 Patch 03 Revision 2 for Windows – go CAP_SM Content Acceleration Pack Guide – go Content Reference Guide for the Integration with HP Service Manager – go Support Matrix – go

Documentation Name	Download from SSO↓	Comment
	9.50	
Patch 04	go	<p>This patch includes defects corrections as well as support for Cloud Service Automation (CSA) 4.5, SAP BusinessObjects Enterprise (BOE) 4.1 SP3, SAP BusinessObjects Data Services (BODS) 4.2 SP04, and Service Manager (SM) 9.41.</p> <p>Consult the following document:</p> <ul style="list-style-type: none"> IT Executive Scorecard XS 9.50 Patch 04 Release Notes Windows -- go Support Matrix -- go

Movies

To access movies in the application, click **Help** in the top right corner of the application main page and select the **Movies** option. Movies are also available from <http://www.youtube.com/user/eScorecard>. 9.40 movies are available in <http://www.youtube.com>, search for Executive Scorecard 9.40.

To download the movie, click the corresponding [go](#) link.

Movie Name	Download		Comment
	9.41	9.50	
0. E2E Data Flow	go	go	
1. Activate Data Source	go	go	
2. Create New Business Context	go	go	
3. Create New User	go	go	
4. Manage Content Acceleration Packs	go	go	
5. Run the ETL	go	go	
6. Add Annotation and Use Action Bar	go	go	
7. Create a New Dashboard Page	go	go	
8. Filter Components	go	go	
9. Configure a Calculation for an Objective	go	go	

Movie Name	Download		Comment
	9.41	9.50	
10. Configure a KPI Formula	go	go	
11. Create KPI Breakdowns and Configure Breakdown Overrides	go	go	
12. Build a Scorecard Tree and Create a New KPI	go	go	
13. Create a New Metric	go	go	
14. Create Cascading Scorecards	go	go	
15. Modify a KPI Configuration	go	go	
16. Schedule Automatic KPI Context Calculation	go	go	
17. ITFM Create a Budget Template	go	go	
18. ITFM Edit a Budget	go	go	
19. ITFM Create an Allocation Scenario	go	go	
20. ITFM Analyze An Allocation Scenario Using Cost Explorer	go	go	
21. ITFM Analyze Financial Data in Dashboard Based on Allocation	go	go	
22. Renew a License	go	go	
23. Permissions	-	go	
24. Find Information	go	go	
25. Embeddability	-	go	
26. Schedule Import Excel File	-	go	
27. LDAP	-	go	
28. Forecast	-	go	
29. Understanding the documentation	go	go	
30. Dashboard Page Components	-	go	
31. Entity Report Email Notification	-	go	
Installation in Production Environment - Step by Step		go	
35. Distributed Installation (3 servers) Step by Step	-	go	
36. XS on Mobiles app	-	go	9.50: Version 1.00 (Version 0.98: go)

Training Plan

This section provides training plans.

To download the relevant documents or movies or to access the information, click the corresponding [go](#) link, or if there is no link or if you want to view the formal training possibilities, click <https://hpeIn.hp.com/group/it-business-analytics>, click **Resources**, expand **Training**, and click **Index of Trainings on Software Education Services**. Note that you have to register.

XS 9.50 Training

General

- *****Basic:**
 - 0_E2E_Data_Flow_movie --- [go](#)
 - 29_Understanding_the_documentation --- [go](#)
- *****Concepts:**
 - LEC00_HPXS_Architecture.pptx
 - LEC13_HPXS_Find_Information - 950.pptx
 - 24_Find_Information_movie --- [go](#)

Administrator:

- *****Installation:**
 - EX01_Executive_Scorecard_Installation - 950.docx
 - LEC01_HPXS_Deployment - 950.pptx
 - 35. Distributed Installation (3 servers) Step by Step Movie --- [go](#)
 - Installation in Production Environment - Step by Step Movie --- [go](#)
- *****Maintenance:**
 - 3_Create_New_User_movie --- [go](#)
 - 22_Renew_a_License_movie --- [go](#)
- *****Common activities**
 - 1_Activate_Data_Source_movie --- [go](#)
 - 4_Manage_Content_Acceleration_Packs_movie --- [go](#)
 - 5_Run_the_ETL_movie --- [go](#)
 - EX08_Activating_Data_Sources - 950.docx
 - LEC08_HPXS_Data_Source_Activation - 950.pptx

XS 9.50 Training

- EX07_Running_the_ETL – 950.docx
- LEC07A_HPXS_ETL Management - 950.pptx
- LEC07B_HPXS_DWH_Alt-Source_Integrations_and_Troubleshooting- 950.pptx
- LEC07C_HPXS_XS_and_DWH_Troubleshooting - 950.pptx
- EX10_Content_Acceleration_Packs – 950.docx
- LEC10_HPXS_Content_Acceleration_Packs - 950.pptx
- *****Customization activities:**
 - 2_Create_New_Business_Context_movie --- [go](#)
 - 25_Embeddability --- [go](#)
 - 26_Schedule_Import_Excel_File --- [go](#)
 - 27_LDAP --- [go](#)
 - 23_Permissions --- [go](#)
 - 31_Entity_Report_Email_Notification --- [go](#)
 - EX09_Context_Management_E2E_Flow – 950.docx
 - LEC09_HPXS_Context_Management - 950.pptx
 - EX06_User_Permission – 950.docx
 - LEC06_HPXS_User_Roles_Resources_and_Permissions - 950.pptx

Business Analyst

- *****Studio:**
 - 9_Configure_a_Calculation_for_an_Objective_movie --- [go](#)
 - 10_Configure_a_KPI_Formula --- [go](#)
 - 11_Create_KPI_Breakdowns_and_Configure_Breakdown_Overrides_movie --- [go](#)
 - 12_Build_a_Scorecard_Tree_and_Create_a_New_KPI_movie --- [go](#)
 - 13_Create_a_New_Metric_movie --- [go](#)
 - 14_Create_Cascading_Scorecards_movie --- [go](#)
 - 15_Modify_a_KPI_Configuration_movie --- [go](#)
 - 16_Schedule_Automatic_KPI_Context_Calculation_movie --- [go](#)
 - 28_Forecast --- [go](#)
 - EX03_Running_Calculations_in_Studio – 950.docx
 - LEC03_HPXS_KPI_Calculation_Engine - 950.pptx
 - LEC04_HPXS_Creating_KPIs_and_Formula_Builder - 950.pptx
 - EX04_Creating_KPIs_and_Formula_Builder – 950.docx

XS 9.50 Training

- *****Dashboard:**

- 7_Create_a_New_Dashboard_Page_movie --- [go](#)
- 30_Dashboard_Page_Components --- [go](#)
- 8_Filter_Components_movie --- [go](#)
- 6_Add_Annotation_and_Use_Action_Bar_movie --- [go](#)
- LEC02_HPXS_Dashboard_Overview - 950.pptx
- EX02_Executive_Scorecard_Dashboard_Configuration – 950.docx

- *****Webi Report:**

- EX11_Creating_Custom_Webi_reports_for_the_Dashboard – 950.docx
- EX12A_Getting_Started_with_Xcelsius – 950.docx
- EX12B_Creating_and_Interactive_Xcelsius_Chart – 950.docx
- EX12C_Creating_a_Drill_Down_Chart – 950.docx
- EX12D_Creating_Xcelsius_reports – 950.docx
- LEC11A_HPXS_Using_Webi_Reports_in_the_Dashboard - 950.pptx
- LEC11B_HPXS_Using_Webi_Reports_in_the_Dashboard - Academy - 950.pptx
- LEC12A_HPXS_Using_Xcelsius_Charts_in_the_Dashboard - 950.pptx
- LEC12B_HPXS_Using_Xcelsius_Charts_in_the_Dashboard - Academy - 950.pptx

Financial Analyst

- 17_ITFM_Create_a_Budget_Template_movie --- [go](#)
- 18_ITFM_Edit_a_Budget_movie --- [go](#)
- 19_ITFM_Create_an_Allocation_Scenario_movie --- [go](#)
- 20_ITFM_Analyze_An_Allocation_Scenario_Using_Cost_Explorer_movie --- [go](#)
- 21_ITFM_Analyze_Financial_Data_in_Dashboard_Based_on_Allocation_movie --- [go](#)

End User

- 36. XS on Mobiles app movie --- [go](#)

Additional Resources



HPE Software Support Online



HPE Live Network



HPE Software Solutions and Integrations



Forum Discussions:

- <https://hpln.hpe.com/node/10214/og/forum/373>

Online Documentation

To check for recent updates or to verify that you are using the most recent edition of a document, go to:

Support Site (<https://softwaresupport.hpe.com/group/softwaresupport/home>)

Note: If you have reached this library, you have already signed in with your HPHPE Passport credentials. You can also receive updated documentation if you subscribe to the appropriate product support service. Contact your HPHPE sales representative for details. See Document Change Notes within the document for a list of any revisions.

All Manuals Download

After downloading the *All Manuals Download* zip file, unzip the full set on your local directory. You can then search across the doc set using the Advanced Search capabilities in Adobe Acrobat.

Support

Visit the HPE Software Support site at: <https://www.hpe.com/us/en/support.html>.

This website provides contact information and details about the products, services, and support that HPE Software offers.

HPE Software online support provides customer self-solve capabilities. It provides a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the support website to:

- Search for knowledge documents of interest
- Submit and track support cases and enhancement requests
- Download software patches
- Manage support contracts
- Look up HPE support contacts
- Review information about available services
- Enter into discussions with other software customers
- Research and register for software training

Most of the support areas require that you register as an HPE Passport user and to sign in. Many also require a support contract. To register for an HPE Passport ID, click **Register** on the HPE Support site or click **Create an Account** on the HPE Passport login page.

To find more information about access levels, go to:

<https://softwaresupport.hpe.com/web/softwaresupport/access-levels>.

HPE Software Solutions Now accesses the Solution and Integration Portal website. This site enables you to explore HPE Product Solutions to meet your business needs, includes a full list of Integrations between HPE Products, as well as a listing of ITIL Processes. The URL for this website is <https://softwaresupport.hpe.com/>.

Support Matrices

For complete support and compatibility information, see the support matrix for the relevant product release. All support matrices and product manuals are available here on the HPE Software Support Online website:

http://support.openview.hp.com/sc/support_matrices.jsp

You can also download the HPE Support and Compatibility Matrix for this release from the HPE Self-solve documentation portal:

<http://support.openview.hp.com/selfsolve/manuals>

Document Change Notes

The following table provides details of any changes introduced in this version of this document.

Date	Change
May 2014	Original release of this document
June 2014	Addition of the 9.50 version documents
July 2014	Addition of the Installation movie
August 2014	Addition of the Getting Started with XS on Mobiles document and movie Installation Guide - renaming of configurations and splitting of document into two documents according to their configuration
November 2014	Installation Guide - grouping all configuration options into one document.
February 2015	9.50 Patch 003 - Revision 2
April 2015	Addition of the Training Plan section for XS 9.50
May 2015	Addition of IT Business Analytics 10.00
June 2015	Addition of the installation movies for BA 10.00
December 2015	Small corrections
January 2016	Added ITBA 10.00 Content Pack 0003-related information and reformatted the document
February 2016	ITBA on Mobile is obsolete and not supported in ITBA 10.00
March 2016	Addition of links to the ITBA 10.10 version documentation.
April 2016	XS 9.50 Content Customization Best Practices ITBA 10.10 CP0001 and Cloud Analytics E2E Guide List of training materials was added
May 2016	Link to Japanese edition of the Business Analytics Guide 10.10 was added
August 2016	Link to the internal self-paced training for 10.10

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