

NASDAQ BWISE ACADEMY COURSE CATALOG



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1 NASDAQ BWISE ACADEMY COURSE CATALOG

1.1 INTRODUCTION

Training is a key part of any B Wise implementation. With training from the Nasdaq B Wise Academy you ensure that you maximize the success of the implementation. Your people will be more productive and efficient. Our common objective is a successful implementation and true embedding of our solution in your organization.

This course catalog gives an overview of all the courses offered by the Nasdaq B Wise Academy. To find the right course for your needs, several aspects need to be taken into consideration: your role, whether certification is required and which learning format is preferred. If you have any questions or would like to speak to an educational advisor, please contact the Nasdaq B Wise Academy.

1.2 COURSE OFFERINGS

The courses on offer are divided into the following categories:

- GRC Fundamentals
- Basic B Wise training
- Certification Tracks: Functional Administrator and Technical Administrator Certification
- Rapid Deployment Solution (RDS) Training
- B Wise Functionality
- Business Intelligence (Reporting)
- Portlets

The course offerings overview can be found on page 6.

1.3 LEARNING FORMATS

We understand your business needs: you are looking for well-educated professionals, but they often have to be educated in a limited time frame and in a cost-effective way. Therefore, the Nasdaq B Wise Academy offers you a variety of learning formats: instructor-led training, virtual classrooms, eLearning, web lectures and blended formats.

- **Instructor-led training (ILT)**
These courses are offered in a classroom environment. These courses are offered in open roster (FA and TA certification) on a B Wise location or on-site at the customer.
- **Virtual Course (VC)**
These courses are a blend of live virtual classroom sessions, e-learning and off line assignments.
- **eLearning (EL)**
These courses are interactive eLearning modules which may include supporting off-line material. All eLearning courses can be found in the B Wise Learning Center which can be accessed 24/7 from any computer with internet access.
- **Web Lectures (WL)**
Web lectures are online educational videos which can be viewed using a web browser.

All tracks and courses could be tailored to get an optimal fit with your training requirements.

1.4 REGISTRATION

There are several ways to register for a BWISE course:

- Via our website: <http://www.bwise.com/services/bwise-academy>
- Send an e-mail to: bwise-academy@nasdaq.com
- Call one of our Nasdaq BWISE Academy representatives: +31 73 704 2000

In case of an Open Roster course, the participant will receive a confirmation of registration within a few working days and an invitation with further details about the training location approx. five (5) working days before the start of the course. If the desired course is fully booked, the Nasdaq BWISE Academy will contact the participant to reschedule their participation.

In case of an eLearning course, the login details to the BWISE Learning Center will be sent via email to the participant(s).

Dedicated training courses can be planned in collaboration with our Planning Department.

Cancellation policy

Cancellation must always be in writing, at which the cancellation date will be the date of receipt of the written cancellation by Nasdaq BWISE Academy.

In the event of an Open Roster Course, the cancellation costs will be a percentage of the course price, namely:

- Up to and inclusive twenty (20) working days before start of the course: 0%.
- Twenty (20) up to and inclusive ten (10) working days before start of the course: 50%.
- Less than ten (10) working days before start of the course: 100%.

You can substitute a participant enrolled for a course by another person, if this has been notified to Nasdaq BWISE Academy before the start of the course. Such a replacement will not result in additional costs.

Nasdaq BWISE Academy reserves the right to cancel course dates due to insufficient enrollment. Participants will be notified of cancellations within seven calendar days of the course start date. If a course is cancelled for any reason by BWISE, any pre-paid registration fees will be refunded. Nasdaq BWISE Academy is not responsible for airline penalties related to the cancellation of BWISE courses or events. Please be aware of the airline restrictions regarding non-refundable airline tickets when purchasing an airline ticket.

For dedicated groups, the same cancellation policies are applicable.

1.5 CONTACT INFORMATION

For more information on our learning activities, contact your local sales representative or contact the Nasdaq BWISE Academy directly: bwise-academy@nasdaq.com or call +31 73 704 2000

2 OVERVIEW COURSE OFFERINGS

Overview Course Offerings (Format: <i>ILT = Instructor Led Training,</i> <i>VC = Virtual Classroom</i>)	Version	Format	Enrollment	End User	Key User	FA	TA
BWise Basics							
<i>Quick-Start with BWise</i>	4.1.6	eLearning	Individual	X	X	X	
<i>Frameworks in BWise</i>	4.1.6	eLearning	Individual	X	X	X	
Certification Tracks							
<i>BWise Functional Administrator (FA)</i>	4.1.6	ILT/VC	Open Group			X	
<i>BWise Technical Administrator (TA)</i>	4.1.6	eLearning	Individual				X
Rapid Deployment Solutions (RDS)							
<i>RDS Internal Control</i>	4.1.7	ILT	Dedicated	X	X	X	
<i>RDS Internal Audit</i>	4.1.7	ILT	Dedicated	X	X	X	
<i>RDS Loss Database</i>	4.1.7	ILT	Dedicated	X	X	X	
<i>RDS Enterprise Risk Management (ERM)</i>	4.1.7	ILT	Dedicated	X	X	X	
<i>RDS Operational Risk Management (ORM)</i>	4.1.7	ILT	Dedicated	X	X	X	
<i>RDS US SOX</i>	4.1.7	eLearning	Individual	X	X	X	
<i>RDS Key Risk Indicators</i>	4.1.7	eLearning	Individual	X	X	X	
BWise Functionality							
<i>Open Assessments Foundation</i>	4.1.7	ILT	Dedicated		X	X	
<i>Open Assessment Advanced</i>	4.1.7	ILT	Open Group			X	
<i>Risk Management Advanced</i>	4.1.7	ILT	Open Group			X	
<i>Discovering portlets</i>	4.1.7	ILT	Open Group		X	X	
<i>Portlet development</i>	4.1.70	ILT	Dedicated			X	
Reporting							
<i>Introducing Reporting with BWise</i>	4.1.7	eLearning	Individual	X	X	X	
<i>BI Level 1: Reporting with BWise</i>	4.1.7	ILT	Dedicated		X	X	
<i>BI Level 2: Advanced BWise Report Development</i>	4.1.7	ILT	Dedicated		X	X	
<i>BI Level 3: BWise Reporting Universes Development</i>	4.1.7	ILT	Dedicated			X	

3 BASIC BWISE COURSES

Nasdaq BWISE Academy offers the following basic BWISE eLearning courses:

- Quick-Start with BWISE
- Frameworks in BWISE

3.1 QUICK-START WITH BWISE

Quick-Start with BWISE	
<i>Target Audience</i>	Business users, key users, functional administrators, technical administrators
<i>Prerequisites</i>	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (training materials are in English)
<i>Format</i>	eLearning course (available in the BWISE Learning Center)
<i>Duration</i>	60 minutes
<i>Learning Objectives</i>	<p><i>After completing this course, students will be able to:</i></p> <ul style="list-style-type: none"> • Log on and off BWISE • Navigate in BWISE and be familiar with the Interface • Understand the Framework, Risk Assessment, Control Assessment, Internal Control, Internal Audit and Issue Management screens • Generate reports and understand the InfoView reporting interface • Search for data in BWISE • Add a document in BWISE • Identify tips which will help in using BWISE

3.2 FRAMEWORKS IN BWISE

Frameworks in BWISE	
<i>Target Audience</i>	Business users, key users, functional administrators, technical administrators
<i>Prerequisites</i>	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (training materials are in English) • completed the 'Quick-Start with BWISE' eLearning course
<i>Format</i>	eLearning course (available in the BWISE Learning Center)
<i>Duration</i>	90 minutes
<i>Learning Objectives</i>	<p><i>After completing this course, students will be able to:</i></p> <ul style="list-style-type: none"> • Understand the definition of Frameworks • Create a Functional Organization in BWISE • Create and maintain a Framework in BWISE • Add elements to the Framework library • Relate Framework elements • Approve changes to the Framework • View Framework Risk views • Identify how the Framework is used in BWISE for integrated GRC efforts • Generate Framework reports

4 CERTIFICATION PROGRAMS

Nasdaq Bwise Academy offers certification tracks to certify the Functional and Technical Administrators within your organization. Certification will ensure the competence of your professionals. We offer two certification tracks:

- Technical Administrator
- Functional Administrator

Certified professionals have access to the Online Service Desk and the Bwise Knowledge Base. The Bwise Knowledge Base contains a broad set of documents all related to the optimal use and proper management of the Bwise platform. These documents are all based on industry best-practices, the experiences of the Bwise Global Professional Services and Global Customer Support organization and of course feedback from our vast customer community.

Note: Certification is done on an individual basis and therefore related to the employee and not to the organization.

4.1 BWISE TECHNICAL ADMINISTRATOR CERTIFICATION TRACK

A Certified Technical Administrator is capable of maintaining the Bwise environment individually on a technical level. They will be able to support the organization in keeping the Bwise environment up-to-date. This will result in more adequate and independent technical maintenance without involvement of Bwise support and/or consultancy.

The Bwise Technical Administrator Certification Track is formally assessed using an online exam (available in the Bwise Learning Center). After passing the exam, students will be certified as Technical Administrators.

Bwise Technical Administrator Certification Track	
<i>Target Audience</i>	The target audience of this course consists of individuals who will be responsible for maintaining the Bwise environment on a technical level.
<i>Prerequisites</i>	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (all training materials are in English)
<i>Format</i>	eLearning
<i>Duration</i>	7 hours
<i>Topics</i>	<p><i>The following topics are covered:</i></p> <ul style="list-style-type: none"> • Installation of the Bwise platform • Installation of Business Objects • Configurations • Backup and restore • Bwise Updates (releases and hot fixes) • Troubleshooting and support

4.2 BWISE FUNCTIONAL ADMINISTRATOR CERTIFICATION TRACK

The BWISE Functional Administrator (FA) is an important role for the functional stability of the BWISE application. The Functional Administrator configures the application and supports the end users. In addition to these activities, the Functional Administrator will communicate with IT (Technical Administrator) when updates need to be installed or other technical support is necessary to maintain the stability of the BWISE application.

The BWISE Functional Administrator Certification Track is formally assessed using an online exam (available in the BWISE Learning Center). After passing the exam, students will be certified as Functional Administrators.

BWISE Functional Administrator Certification Track	
<i>Target Audience</i>	The target audience of this course consists of individuals who will be responsible for configuring the BWISE application and supporting the end users.
<i>Prerequisites</i>	Before attending this course, students must have: <ul style="list-style-type: none"> • a good understanding of English (all training materials are in English) • completed the 'Quick-Start with BWISE' eLearning course • completed the 'Frameworks in BWISE' eLearning course
<i>Format</i>	(Virtual) Classroom Training
<i>Duration</i>	3 days
<i>Topics</i>	<ul style="list-style-type: none"> • Users, system roles, persons, business roles and organizations • Data model configuration • Authorization types, levels and profiles • Approval workflows and lifecycle workflows • BWISE Builder • Configurations • Data import (using the BIS tool) • Alerts • Manage deleted content • Data imports

5 RAPID DEPLOYMENT SOLUTIONS (RDS) TRAINING

The BWISE best practises are the foundation for the Rapid Deployment Solutions (RDS) which offer preconfigured BWISE software platforms including a set of predefined reports. The BWISE best practises are a de facto standard, based on the many projects that have been implemented around the globe in combination with the expertise of the BWISE consultants and the (big4) alliance partners.

Nasdaq BWISE Academy offers training courses for the following Rapid Deployment Solutions:

- RDS Internal Control
- RDS Internal Audit
- RDS Enterprise Risk Management (ERM)
- RDS Operational Risk Management (ORM)
- RDS Loss Database
- RDS US SOX

5.1 RDS INTERNAL CONTROL

This course explains the Internal Control functionalities in the BWISE application supporting the basic use of Internal Control following the BWISE Internal Control RDS methodology.

RDS Internal Control	
<i>Target Audience</i>	The target audience of this course consists of individuals who will be working with the BWISE RDS solution for Internal Control.
<i>Prerequisites</i>	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (all training materials are in English) • a good understanding of the Internal Control processes • completed the 'Quick-Start with BWISE' and 'Frameworks in BWISE' eLearning courses (available in the BWISE Learning Center)
<i>Format</i>	Classroom Training (ILT)
<i>Duration</i>	1 day
<i>Topics</i>	<ul style="list-style-type: none"> • Identify the tasks in BWISE which are related to the Internal Control Process • Complete the Internal Control Framework • Setup the Local Control Framework • Using Framework Signoff Assessments • Schedule a Control Assessment • Document effectiveness of Control activity • Monitor a Control Assessment • Create an Issue • Follow-up on an Issue • Overview available reports

5.2 RDS INTERNAL AUDIT

This course explains the Internal Audit functionalities in the BWISE application supporting the BWISE Internal Audit process. The auditing process is explained and visualized in a process map. Each step is discussed, followed by exercises to obtain hands-on experience of the Internal Audit functionalities in the BWISE training environment.

RDS Internal Audit	
Target Audience	The target audience of this course consists of individuals who will be working with the BWISE RDS solution for Internal Audit.
Prerequisites	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> ▶ a good understanding of English (all training materials are in English) ▶ a good understanding of the Internal Audit processes ▶ completed the 'Quick-Start with BWISE' and 'Frameworks in BWISE' eLearning courses (available in the BWISE Learning Center)
Format	Classroom Training (ILT)
Duration	1,5 day
Topics	<ul style="list-style-type: none"> • Understand and manage the Internal Audit process in the BWISE application • Understand the elements that compose the Audit Universe in BWISE • Perform an open assessment to update the risk rating of an auditable entity • Create and modify Audit Plans • Understand how audits are generated from an Audit Plan • Set up audit high level planning • Define detailed planning and schedule resources for audits • Modify audits • Execute audits by answering audit work papers and creating findings • Review and approve audit work papers and findings • Decline and reopen audit work papers to request rework • Create, review and respond to audit notes • Progress the status of audits to the next step • Generate audit reports • Close audits • Follow up on findings • Understand the time registration functionality • Overview available reports

5.3 RDS ENTERPRISE RISK MANAGEMENT (ERM)

This course manual explains the Enterprise Risk Management functionalities in the B Wise application supporting the basic use of ERM following the B Wise RDS methodology. The Enterprise Risk Management Process is explained and visualized in a Process map. Each step is discussed, followed by exercises to obtain hands-on experience of the ERM functionalities in the B Wise training environment.

RDS Enterprise Risk Management (ERM)	
Target Audience	The target audience of this course consists of individuals who will be working with the B Wise RDS solution for Enterprise Risk Management (ERM).
Prerequisites	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (all training materials are in English) • a good understanding of the Enterprise Risk Management (ERM) processes • completed the 'Quick-Start with B Wise' and 'Frameworks in B Wise' eLearning courses (available in the B Wise Learning Center)
Format	Classroom Training (ILT)
Duration	1 day
Topics	<ul style="list-style-type: none"> • Identify the tasks to perform in B Wise related to the Enterprise Risk Management Process • Identify the tasks to perform in B Wise related to the Enterprise Risk Management Process • Identify Objectives • Create a Risk assessments • Identify and assess Risks • Create Treatment Plans • Generate and sign off the Risk Report • Validate and publish Risk Assessment results • Validate and follow-up on Treatment Plans • Overview available reports

5.4 RDS OPERATIONAL RISK MANAGEMENT (ORM)

This course explains the functionalities in the B Wise application supporting the management of operational risks according to the B Wise Operational Risk Management RDS methodology.

RDS Operational Risk Management (ORM)	
Target Audience	The target audience of this course consists of individuals who will be working with the B Wise RDS solution for Operational Risk Management (ORM).
Prerequisites	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (all training materials are in English) • knowledge of Operational Risk Management processes within the organization • completed the 'Quick-Start with B Wise' and 'Frameworks in B Wise' eLearning courses (available in the B Wise Learning Center)
Format	Classroom Training (ILT)
Duration	1 day
Topics	<ul style="list-style-type: none"> • Identify the tasks to perform in B Wise related to the ORM Management Process • Identify Processes, Risks and Controls • Add new elements (Processes, Risks and Controls) to the Framework • Setup and start the Risk Control Self-Assessments (RCSA) • Assess Risks and Controls and submit assessment results • Validate and publish RCSA results • Create Treatment Plans • Validate and follow-up on Treatment Plans • Setup a re-assessment of a published RCSA • Overview available reports

5.5 RDS LOSS DATABASE

This course explains the Loss Database functionality in the B Wise application and gives insight on how Issues and Tasks apply to Loss/Incident Management.

RDS Loss Database	
Target Audience	The target audience of this course consists of individuals who will be working with the B Wise RDS solution for Loss Database.
Prerequisites	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (all training materials are in English) • completed the 'Quick-Start with B Wise' and 'Frameworks in B Wise' eLearning courses (available in the B Wise Learning Center)
Format	Classroom Training (ILT)
Duration	0,5 day
Topics	<ul style="list-style-type: none"> • Understand the loss database process in B Wise • Document a loss • Update a loss • Review and approve/reject a loss

RDS Loss Database

- How to create a treatment plan
- How to follow-up and close a treatment plan
- How to close a loss
- Overview available reports

5.6 RDS US SOX

The RDS SOX training is a blended solution comprising of eLearning and a Reference Manual. The target audience for the eLearning is all user profiles in the RDS SOX: Internal Control Functional Administrator, Group SOX Controller, Local IC Controller, Local Process Owner, Control Owner, Control Reviewer, Business Line Responsible and Senior Management. An interactive study guide defines the relevant chapters for the different user profiles to follow. For the IC FA, the Reference Manual containing instructions for RDS SOX admin tasks can be downloaded as a PDF directly from the eLearning course.

RDS US SOX

Target Audience The target audience of this course consists of individuals who will be working with the BWISE RDS solution for US SOX.

Prerequisites *Before attending this course, students must have:*

- a good understanding of English (all training materials are in English)
- completed the 'Quick-Start with BWISE' and 'Frameworks in BWISE' eLearning courses (available in the BWISE Learning Center)

Format eLearning

Duration 2 hours

Topics

- Explain the principles of the Sarbanes-Oxley (SOX) Act and 302/404 certification
- Understand the 7 steps of the SOX Process and the related tasks in BWISE
- Perform account based and information system scoping
- Understand the Entity Structure and Framework and how they are used for SOX
- Maintain the Risk and Control Framework
- Setup Control Assessments
- Execute a control assessment
- Monitor a control assessment
- Create IC issues
- Follow-up on IC issues
- Validate / close IC Issues
- Re-open / re-test a control assessment
- Perform an IC issue deficiency analysis
- Complete the 404 and 302 Attestations in BWISE
- Run a SOX Report

5.7 RDS KEY RISK INDICATORS

The RDS Key Risk Indicators (KRI) training is a blended solution comprising of eLearning and Quick Reference Cards. The target audience for the eLearning is all user profiles in the RDS KRI: Risk Management Functional Administrator, Corporate Risk Officer, Entity Risk Officer and KRI Owner. The Quick Reference Cards can be downloaded as a PDF directly from the eLearning course.

RDS US SOX	
<i>Target Audience</i>	The target audience of this course consists of individuals who will be working with the BWISE RDS solution for Key Risk Indicators.
<i>Prerequisites</i>	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (all training materials are in English) • completed the 'Quick-Start with BWISE' and 'Frameworks in BWISE' eLearning courses (available in the BWISE Learning Center)
<i>Format</i>	eLearning
<i>Duration</i>	40 minutes
<i>Topics</i>	<ul style="list-style-type: none"> • Understand the steps of the RDS KRI process and the related tasks in BWISE • Understand the organizational and framework context for documenting and monitoring your KRIs • Define KRIs and set KRI Thresholds • Collect KRI values • Monitor KRI trending and report escalations • Create, follow-up and close Treatment Plans

6 BWISE FUNCTIONALITY

The BWISE functionality training will provide your BWISE users with a broad understanding of how to use the functionalities of:

- Open Assessments
- Risk Assessments
- Portlets

6.1 OPEN ASSESSMENTS FOUNDATION

This course explains the Open Assessment functionality in the BWISE application. The Open Assessment process is explained and visualized in a process map. Each step is discussed, followed by exercises to obtain hands-on experience of creating and answering Open Assessments in the BWISE training environment.

Open Assessments Foundation	
<i>Target Audience</i>	The target audience for this training consists of users who will be working with the BWISE software and are responsible for Open Assessments.
<i>Prerequisites</i>	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (training materials are in English) • completed the 'Quick-Start with BWISE' and 'Frameworks in BWISE' eLearning courses (available in the BWISE Learning Center)
<i>Format</i>	Classroom Training (ILT)
<i>Duration</i>	0,5 day
<i>Topics</i>	<ul style="list-style-type: none"> • Understand the concept of open assessments and what they can be used for • Introduction to Open Assessments configuration • Generate Open Assessment sessions • Answer Open Assessments • Close Open Assessment • Generate Open Assessment reports • Using multi-step Open Assessments

6.2 OPEN ASSESSMENTS ADVANCED

This course explains the Open Assessment functionality in the BWISE application. Central topics are building and maintaining Open Assessment. Topics are explained, followed by exercises to obtain hands-on experience of building and maintaining Open Assessments in the BWISE training environment.

Open Assessments Advanced	
<i>Target Audience</i>	The target audience for this training consists of users who will be working with the BWISE software and are responsible for building and maintaining Open Assessments.

Open Assessments Advanced

Prerequisites	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (training materials are in English) • completed the 'Quick-Start with B Wise' and 'Frameworks in B Wise' eLearning courses (available in the B Wise Learning Center) • completed the Open Assessment Foundation Course • certified as a B Wise Functional Administrator
Format	Classroom Training (ILT)
Duration	1,5 day
Topics	<ul style="list-style-type: none"> • The concept of open assessments • Assessment types and question templates for all forms and capabilities • Various question types and how to set create • Introduction to the use of conditions and formulas within an assessment • Format an assessment (Layout) • Manage the access to specific assessment templates (authorizations, categories) • Maintain assessment type, question template and questions over time • Manage assessment session cycle and understand the roles of the various actors • Locate the assessment results

6.3 RISK MANAGEMENT ADVANCED

This course explains the Risk Management functionality in the B Wise application. Central topics are building and maintaining Risk Assessment Templates and the Risk Configuration. Topics are explained, followed by exercises to obtain hands-on experience of building and maintaining Risk Assessments in the B Wise training environment.

Risk Assessments Advanced

Target Audience	The target audience for this training consists of users who will be working with the B Wise software and are responsible for building and maintaining Risk Assessments.
Prerequisites	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (training materials are in English) • completed the 'Quick-Start with B Wise' and 'Frameworks in B Wise' eLearning courses (available in the B Wise Learning Center) • completed the B Wise RDS ERM or ORM course • certified as a B Wise Functional Administrator
Format	Classroom Training (ILT)
Duration	1,5 day

Risk Assessments Advanced

<i>Topics</i>	<ul style="list-style-type: none"> • The concept of risk assessments • Advanced framework configurations for Risks • System roles which are used for risk assessments • Configure and maintain risk assessment components • Configure and maintain risk assessment types • Manage user access to a risk assessment type • Generate risk assessment sessions and view the results • Some extended functionalities including other assessment types, portlets
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6.4 DISCOVERING PORTLETS

This course explains the basic functionality of using portlets in the B Wise application. The course contains practical exercises that you have to complete to obtain hands-on experience with the portlet functionality in the B Wise training environment.

Discovering Portlets

<i>Target Audience</i>	The target audience for this training consists of users who will work with portlets.
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<i>Prerequisites</i>	<p>Before attending this course, students must have:</p> <ul style="list-style-type: none"> • A good understanding of English • Basic knowledge of the Windows platform and a web browser • Completed the “B Wise Functional Track” certification program • SQL knowledge and work experience <p>Recommended requirements</p> <ul style="list-style-type: none"> • HTML, CSS and JavaScript knowledge
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<i>Format</i>	Classroom Training (ILT)
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<i>Duration</i>	1 day
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<i>Topics</i>	<ul style="list-style-type: none"> • Preparing B Wise for using portlets • Portlets basics • Components of a portlet dashboard • Creating a simple portlet based on available datastores and views • Managing a portlet page • Enhancing your dashboard page • Understanding datastores • Create a new datastore
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6.5 PORTLET DEVELOPMENT

This course explains how to build portlets in the BWISE application. The course contains practical exercises that you have to complete to obtain hands-on experience with building portlets in the BWISE training environment.

Portlet Development	
<i>Target Audience</i>	The target audience for this training consists of users who will build portlets.
<i>Prerequisites</i>	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • A good understanding of English • Basic knowledge of the Windows platform and web browser • Completed the “BWISE Functional Track” certification program • Complete the “Discovering portlets” course • SQL knowledge and work experience • Recommended: Complete “BWISE Data Modelling” (BI Level 3) • Recommended: HTML, CSS and JavaScript knowledge
<i>Format</i>	Classroom Training (ILT)
<i>Duration</i>	3 days
<i>Topics</i>	<ul style="list-style-type: none"> • Portlet development process • Re-cap of the portlet fundamentals • Business requirements and designing the portlet • Data architecture • Portlet authorizations • Datastores • Building the portlet • Testing the portlet • Deployment and maintenance of portlets • Master case

7 REPORTING

BWise Academy offers four reporting courses, the first two introduce key and end business users to the standard BWise reporting functionality (BI Launch Pad/WebI), and the last two are for BI professionals who will be responsible for developing and maintaining BWise reports and universes.

- Introducing Reporting with BWise
- BI Level 1: Discovering WebI Reports
- BI Level 2 : Advanced WebI Report Development
- BI Level 3: Reporting Universes Development

7.1 INTRODUCING REPORTING WITH BWISE

This course introduces the basic reporting functionality in the BWise application. Practical exercises allow you to obtain hands-on experience of the BI Launch Pad and Web Intelligence (WebI) report functionality in a simulated BWise environment.

Introducing Reporting with BWise	
Target Audience	Key users and end users who will generate standard reports in BWise
Prerequisites	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (training materials are in English) • completed the 'Quick-Start with BWise' eLearning courses • completed the 'Frameworks with BWise' eLearning courses
Format	eLearning
Duration	1.5 hours
Topics	<ul style="list-style-type: none"> • Navigate in BWise reporting interfaces (BI Launch Pad and WebI) • Organize and work with documents • Set BI Launch Pad and WebI preferences • Create basic WebI reports (with simple queries) • Format and enhance report design • Schedule WebI reports

7.2 BI LEVEL 1: DISCOVERING REPORTING WITH BWISE

This course explores the BWise Business Intelligence capabilities to understand what is possible with Web Intelligence (WebI) reports in BWise. Practical exercises allow you to obtain hands-on experience with basic WebI report functionality in the BWise training environment.

BI Level 1: Discovering Reporting with BWise	
Target Audience	Key users and end users who will generate standard reports in BWise

BI Level 1: Discovering Reporting with BWISE

Prerequisites	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (training materials are in English) • Completed the 'Quick Start with BWISE' eLearning course • Completed the 'Frameworks with BWISE' eLearning course • Completed the 'BI Fundamentals' eLearning course • BWISE product knowledge
Format	Classroom Training (ILT)
Duration	1 day
Topics	<ul style="list-style-type: none"> • Understand the possibilities with BWISE BI reporting • Understand the BWISE reporting architecture and integration • Identify BI user profiles and authorizations • Understand the Universe Template (high level) • Develop basic WebI reports based on BWISE universe template • Format and update existing WebI reports • Write basic report formulas • Add charts/graphs to reports • Complete a master case to create a simple report

7.3 BI LEVEL 2: ADVANCED BWISE REPORT DEVELOPMENT

This course explores the BWISE Report Development Process and Web Intelligence (WebI) report development skills for building complex reports in BWISE. Practical exercises allow you to obtain hands-on experience with the WebI report development functionality in the BWISE training environment.

BI Level 2: Advanced WebI Report Development

Target Audience	Key users/Report Developers who will create WebI reports in BWISE.
Prerequisites	<p><i>Before attending this course, students must have:</i></p> <ul style="list-style-type: none"> • a good understanding of English (training materials are in English) • Completed the 'BI Level 1' classroom course • BWISE product knowledge • Database (query) experience • SQL knowledge and work experience
Format	Classroom training (ILT)
Duration	2 days
Topics	<ul style="list-style-type: none"> • Understand the report development process • Analyse business needs and design reports to meet these needs • Understand the BWISE architecture and data retrieval flow • Demonstrate advanced WebI report development skills for BWISE reports • Setup report authorizations (report access and data retrieved)

BI Level 2: Advanced WebI Report Development

- Test and troubleshoot reports
- Migrate reports from BWISE Test to Production environments
- Maintain and document reports and provide user support
- Complete a master case to design and build a complex report

7.4 BI LEVEL 3: BWISE REPORTING UNIVERSES DEVELOPMENT

This course explores building and maintaining BWISE reporting universes. Practical exercises allow you to obtain hands-on experience with Universe development functionality in the BWISE training environment.

BI Level 3: Reporting Universes Development

Target Audience Business Intelligence professionals who will develop and maintain BWISE reporting universes

Prerequisites *Before attending this course, students must have:*

- a good understanding of English (training materials are in English)
- Completed the 'BI Level 1' and 'BI Level 2' classroom courses
- Completed 'BWISE Functional Track' certification program
- In-depth knowledge and work experience of databases, queries, SQL, BO WebI and BO Universe

Format Classroom training (ILT)

Duration 5 days

Topics

- Understand the building blocks for Universe Development
- Create simple and complex SQL queries
- Create a dimensional data model
- Understand universe design and templates
- Create and maintain universes
- Understand the BWISE BI architecture and data retrieval flow
- Apply advanced data modelling techniques
- Test Universes and troubleshoot common errors
- Complete a master case to analyse requirements and build a reporting universe



About Nasdaq Bwise

Nasdaq Bwise is a global leader in Enterprise Governance, Risk Management and Compliance (GRC) software. Based on a strong heritage in business process management, the Bwise® GRC Platform provides companies with highly-rated, proven software solutions for Risk Management, Internal Control, Internal Audit, Compliance & Policy Management and IT GRC.

Bwise's end-to-end solutions support an organization's ability to understand, track, measure, and manage key organizational risks. Nasdaq Bwise helps companies truly be in control by balancing performance with their financial and reputational risks, improving corporate accountability, increasing financial, strategic and operating efficiencies. Using Bwise, organizations are able to efficiently comply with anti-corruption regulations like FCPA and the UK Bribery Act, the Sarbanes-Oxley Act, European Corporate Governance Codes, ISAE3402/SAS-70, PCI-DSS, Solvency II, Basel II and III, Dodd-Frank, ISO-standards, and many more.

Nasdaq Bwise sales, service and support offices around the globe provide for the GRC needs of hundreds of leading companies worldwide. For more information, visit www.bwise.com.

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