

# Hitachi Data Systems Academy

## Catalogue & Schedule for Russia

April – June 2009

Version: **Release 3.0**



# Customer Edition

**Hitachi Data Systems Authorised Education Delivery Partner**

Unix Education Center

Chernomorsky per. 4

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Russia

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## Complete Customer Education Programme:

- ➔ [Storage Foundation](#)
- ➔ [Storage Administration](#)
  - ➔ [Modular](#)
  - ➔ [Enterprise](#)
- ➔ [Storage Management](#)
- ➔ [Virtualization & Tiered Storage](#)
- ➔ [Replication](#)
- ➔ [Backup & Recovery](#)
- ➔ [File & Content Services](#)



## Training Programme Specific to Certification:

- ➔ [Storage Foundation Track](#)
- ➔ [Storage Manager Track](#)

## Hitachi Data Systems – Workgroup Modular Storage & Adaptable Modular Storage

Course	Course Title	Duration	Type	Price	Units	Country & Location	April 2009	May 2009	June 2009
TCI0460	Hitachi AMS & WMS Architecture and Admin	2 days	ILT	1.380 €	2 Units	RU   St. Petersburg			<b>25.06. – 26.06.</b>

## Hitachi Data Systems – Modular Storage Replication

Course	Course Title	Duration	Type	Price	Units	Country & Location	April 2009	May 2009	June 2009
CSI0157	Hitachi Modular Storage Replication	5 days	ILT	3.450 €	5 Units	RU   St. Petersburg			<b>29.06. – 03.07.</b>

## Hitachi Data Systems – Enterprise Storage Administration

Course	Course Title	Duration	Type	Price	Units	Country & Location	April 2009	May 2009	June 2009
CCI1560	Hitachi Enterprise Storage Fundamentals	3 days	ILT	2.070 €	3 Units	RU   St. Petersburg			<b>01.06. – 03.06.</b>
TSI1315	Hitachi Enterprise Software Fundamentals	5 days	ILT	3.450 €	5 Units	RU   St. Petersburg			<b>08.06. – 12.06.</b>

## Hitachi Data Systems – Enterprise Storage Replication

Course	Course Title	Duration	Type	Price	Units	Country & Location	April 2009	May 2009	June 2009
CSI0147	Hitachi Enterprise Storage Replication	4 days	ILT	2.760 €	4 Units	RU   St. Petersburg			<b>15.06. – 18.06.</b>

All of the above courses will be delivered via the HDS Authorised Training Delivery Partner Unix Education Center in St. Petersburg.

The Course Schedule is under current development, for any queries please call: +7 (812) 346 8270 or visit <http://www.unixedu.ru>

# HDS Academy EMEA – Customer Catalogue & Schedule for Russia

## Storage Foundation

### Modular Path

Hitachi Data Systems Basic Storage Concepts 2-day ILT 2 Training Units <b>CCI0110</b>	OR	Overview of Basic Storage Concepts 3h WBT free <b>CSC0116</b>
Hitachi Data Systems Storage Foundation Modular 3-day ILT 3 Training Units <b>THI0515</b>		

### Enterprise Path

Hitachi Data Systems Basic Storage Concepts 2-day ILT 2 Training Units <b>CCI0110</b>	OR	Overview of Basic Storage Concepts 3h WBT free <b>CSC0116</b>
Hitachi Data Systems Storage Foundation Enterprise 4-day ILT 4 Training Units <b>THI0517</b>		



Course is also part of the HDS Certification Programme [Click for more Details](#)

### Simple Modular Storage SMS 100

Hitachi Simple Modular Storage  
Essentials

1h WBT free **TCC1415**

Hitachi Simple Modular Storage  
Use, Manage & Maintain

1h WBT free **TCC1425**

Hitachi Simple Modular Storage  
Best Practices with SNM 2

1h WBT free **TCC1440**

### Workgroup Modular Storage & Adaptable Modular Storage

Hitachi AMS & WMS  
Technical Overview

1-2h WBT free **TCC0360**

Hitachi AMS & WMS  
Architecture & Administration

2-day ILT 2 Training Units **TCI0460**

### Adaptable Modular Storage AMS 2000 Family

Hitachi AMS 2000 Family  
Introduction

1h WBT free **TCC1690**

Hitachi AMS 2000 Family  
Architecture & Operations

3-day ILT 3 Training Units **TCI1830**

## Universal Storage Platform™

Hitachi USP™ V Technical Overview 1-2h WBT      free <b>CHC1250</b>	Hitachi USP™ VM Technical Differences from NSC 1-2h WBT      free <b>THC1370</b>
Hitachi Universal Storage Platform™ V & VM Technical Overview 2h WBT      free <b>CHC1450</b>	
Hitachi Enterprise Storage Management Jump Start 2-day ILT      2 Training Units <b>TSI1725</b>	
Hitachi Dynamic link Manager Introduction to HDLM 2-3h WBT      free <b>TCC0260</b>	
Hitachi Enterprise Storage Fundamentals 3-day ILT      3 Training Units <b>CCI1560</b>	
<b>OR</b>	
Hitachi Enterprise Software Fundamentals 5-day ILT      5 Training Units <b>TSI1315</b>	

**Storage Management**

**Hitachi Device Manager**

Introduction to Storage Management with Hitachi Device Manager  
1-2h WBT free **TSC1465**

Hitachi Enterprise Storage Management Jump Start  
2-day ILT 2 Training Units **TSI1725**

Managing Hitachi Storage Systems With Device Manager  
3-day ILT 3 Training Units **TSI1360**

**Hitachi Tuning Manager**

Hitachi Tuning Manager Technical Overview  
1-2h WBT free **CSC0112**

Hitachi Tuning Manager Managing Storage Performance  
3-day ILT 3 Training Units **TSI0945**

Hitachi Tuning Manager Optimizing Optimal Storage Performance  
1-day vILT 1 Training Unit **CSE0665**

**Hitachi Global Link Manager & Dynamic Link Manager**

Introduction to Hitachi Global Link Manager Software And Hitachi Dynamic Link Manager Software  
1-2h WBT free **TCC0260**

Hitachi Dynamic Link Manager & Global Link Manager Installation, Configuration & Administration  
3-day ILT 3 Training Units **TSI0595**

**Hitachi Storage Services Manager**

Storage Management with Hitachi Storage Services Manager Software  
3-day ILT 3 Training Units **TSI0155**

Hitachi Storage Services Manager Software Installation & Operation  
4-day ILT 4 Training Units **TSI0149**

**Hitachi Storage Capacity Reporter**

Hitachi Storage Capacity Reporter - Operations  
4h vILT 0,5 Training Units **TSE1650**

**VMware® Environments**

Configuration & Management of Hitachi Storage Systems in a VMware® Environment  
3-day ILT 3 Training Units **TSI1605**

**Hitachi Storage Command Portal**

Storage Management with Hitachi Storage Command Portal Software  
2-day ILT 2 Training Units **TSI1845**



## Technical Training

### Virtual Partitioning

Storage Partitioning Operations & Administration		
1-day ILT	1 Training Unit	<b>TSI0455</b>

### Tiered Storage

Hitachi Tiered Storage Manager Technical Introduction		
1-2h WBT	free	<b>CSC0305</b>
Hitachi Tiered Storage Manager Software Overview		
4h vILT	0,5 Training Units	<b>CSE0310</b>
Hitachi Tiered Storage Manager Installation, Operation & Administration		
2-days ILT	2 Training Units	<b>TSI0320</b>
Implementing & Managing External Storage		
4-days ILT	4 Training Units	<b>TCI1847</b>
Hitachi Virtualization of Modular Storage in an Enterprise Environment		
1-days ILT	1 Training Unit	<b>TSI1765</b>

### Dynamic Provisioning

Hitachi Data Systems Enterprise Software Fundamentals		
5-day ILT	5 Training Units	<b>TSI1315</b>
Hitachi Data Systems Enterprise Storage Fundamentals		
3-day ILT	3 Training Units	<b>CCI1560</b>

## Replication

### Technical Training

#### Modular Storage - Open Systems

Hitachi Modular Storage In-System Replication 3-day ILT 3 Training Units <b>CSI0158</b>	Hitachi Modular Storage Replication 5-day ILT 5 Training Units <b>CSI0157</b>
Hitachi Modular Storage Remote Replication 2-day ILT 2 Training Units <b>CSI0159</b>	
Managing Replication with Hitachi Replication Manager Software 3-day ILT 3 Training Units <b>TSI1635</b>	

#### Enterprise Storage - Mainframe

Hitachi Enterprise Storage Mainframe Replication 5-day ILT 5 Training Units <b>TSI1595</b>
Hitachi Universal Replicator Implementing for Mainframe Environments 5-day ILT 5 Training Units <b>TSI1090</b>
Implementing Hitachi Business Continuity Manager Software 4-day ILT 4 Training Units <b>TSI0165</b>
Managing Replication with Hitachi Replication Manager Software 3-day ILT 3 Training Units <b>TSI1635</b>

#### Enterprise Storage - Open Systems

Hitachi Enterprise Storage In-System Replication 2-day ILT 2 Training Units <b>CSI0148</b>	Hitachi Enterprise Storage Replication 4-day ILT 4 Training Units <b>CSI0147</b>
Hitachi Enterprise Storage Remote Replication 2-day ILT 2 Training Units <b>CSI0149</b>	
Implementing the Hitachi Universal Replicator For Open Systems Environments 4-day ILT 4 Training Units <b>TSI0150</b>	
Managing Replication with Hitachi Replication Manager Software 3-day ILT 3 Training Units <b>TSI1635</b>	



### Hitachi Data Protection Suite

Hitachi Data Systems  
Backup & Recovery Basics  
4h WBT free **CCC0330**

Hitachi Data Protection Suite  
System Administration  
3-day ILT 3 Training Units **TSI0955**

Hitachi Data Protection Suite  
Disaster Recovery  
2-day ILT 2 Training Units **TSI0956**

Hitachi Data Protection Suite  
Archiving & Content Indexing  
2-day ILT 2 Training Units **TSI0957**

### Hitachi Virtual Tape Library Solutions

Achieving Data Protection with  
Diligents ProtecTier™ VT  
3h WBT free **TSC1055**

### Hitachi Protection Manager

Managing MS Exchange & SQL Backup and  
Recovery with Hitachi Protection Manager  
4-day ILT 4 Training Units **TSI1245**

### Hitachi Backup Services Manager

Hitachi Backup Services Manager  
Software Operations  
4h vILT 0,5 Training Units **TSE0555**

## Content Archiving

Getting started with  
Hitachi Content Archive Platform

4h vILT

0.5 Training Units

**TSE1365**

## Hitachi High Performance NAS Platform

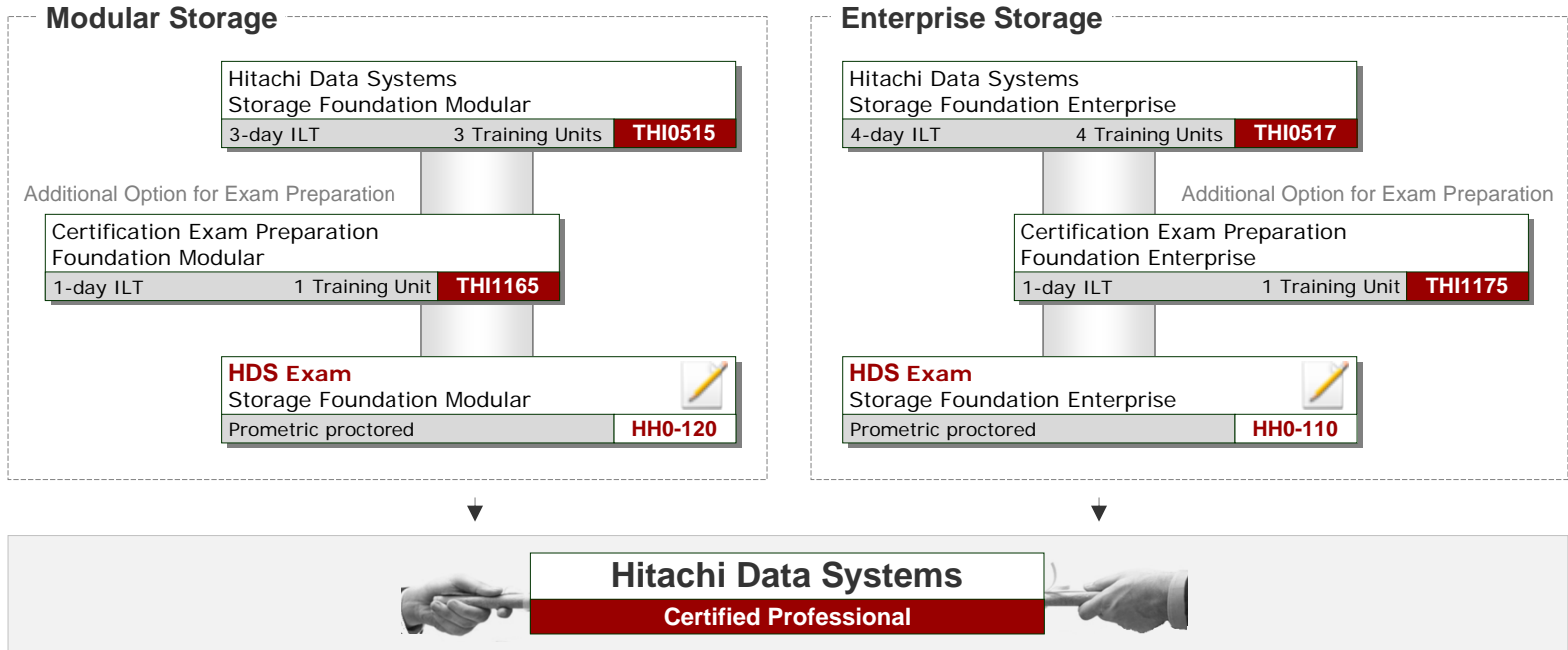
Hitachi  
High-Performance NAS Fundamentals

3-day ILT

3 Training Units

**TCI1125**

## Customer Certification Programme: Storage Foundation



## Customer Certification Programme: Storage Manager

### Prerequisite

**Hitachi Data Systems**  
Certified Professional

### Business Continuity - Modular

Hitachi Modular Storage Replication Fundamentals  
5-day ILT      5 Training Units      **CSI0157**

**HDS Exam**  
Business Continuity - Modular   
Prometric proctored      **HH0-340**

### Business Continuity - Enterprise

Hitachi Enterprise Storage Replication Fundamentals  
4-day ILT      4 Training Units      **CSI0147**

**HDS Exam**  
Business Continuity - Enterprise   
Prometric proctored      **HH0-330**

### Storage Management

Managing Hitachi Storage Systems with Device Manager  
3-day ILT      3 Training Units      **TSI1360**

Hitachi HDLM & HGLM Installation, Configuration & Administration  
3-day ILT      3 Training Units      **TSI0595**

**HDS Exam**  
Storage Management   
Prometric proctored      **HH0-380**



**Hitachi Data Systems**  
Certified Storage Manager

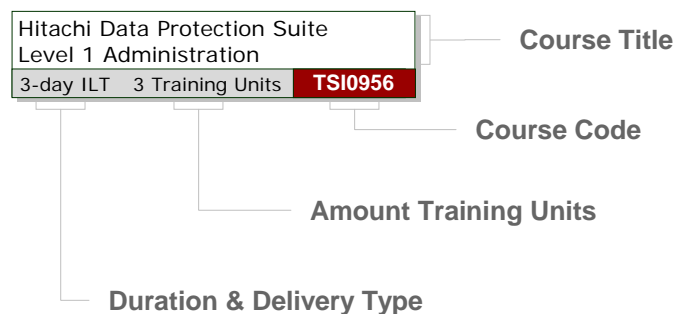
### Advanced Certification

**SNIA Exam**  
Storage Networking – Management   
Prometric proctored      **S10-201**      [more Details](#)



**Hitachi Data Systems**  
Certified Storage Manager - Expert

[Legend](#)



XXXXX XXXXX XXXXX XXXXX XXXXX XXXXXXXX	Online Trainings
XXXXX XXXXX XXXXX XXXXX XXXXX XXXXXXXX	Instructor Led Trainings
XXXXX XXXXX XXXXX XXXXX XXXXX XXXXXXXX	HDS Certification Exam
XXXXX XXXXX XXXXX XXXXX XXXXX XXXXXXXX	SNIA Certification Exam
<b>Hitachi Data Systems</b> XXXXXXXX XXXX XXXXX	Certification Credential

**ILT:** Instructor-Led Training

Interactive course or workshop with stand-up lectures delivered to a student group by an instructor. Technical ILTs usually include practical (lab) sessions.

**vILT:** virtual Instructor-Led Training.

Electronic and distance learning component consisting of an interactive course delivered to students by a remote instructor. Student access the vILT via the internet or their intranet and can be geographically dispersed. Some vILTs include practical sessions with connection to a remote lab. vILTs are sometimes recorded and then offered for repeated viewing.

**WBT:** Web-Based Training.

Electronic and distance learning component available for viewing using a web browser. Some WBTs can be downloaded and be run offline as Computer-Based Training (CBT).

**CBT:** Computer-Based Training.

Electronic and distance learning component which runs as an application on a computer. CBTs are usually used offline.

## How to get best flexibility and value for training

Maximise the benefit and potential of your investment in Hitachi Data Systems technology and skills.

Purchase Hitachi Data Systems Training Units which will help you protect your training budget, cover your organisation from unexpected medium term training requirements, and enable you earn a valuable discount for volume purchases.

One Training Unit is typically equivalent to attendance on a one day public scheduled instructor-led training course for one person. It can also be exchanged for any of Hitachi Data Systems' training products and services, as and when the service is required.

You can select the number of Training Units that best suit your training requirements, budget allowance, and time restrictions.

## Terms

One Training Unit is valid for one year from the date of purchase. The minimum quantity available for purchase is 10 Units and can be acquired in any number. All HDS Education products and services are priced in Training Units as well as local currency thus making it easy for you to „spend“ your Training Units once purchased.

## Volume Purchase Discount

Number of Units	Discount	Price per Unit
1 - 10	0,0 %	690,- €
11 - 25	5,0 %	656,- €
26 - 50	7,5 %	638,- €
51 - 100	10,0 %	621,- €
101 - 150	15,0 %	587,- €
151 - >	20,0 %	552,- €

## What next ?

Contact your Hitachi Data Systems Training Centre for assistance in deciding how many Training Units you should purchase, that would best fit your training needs and timescales.

# HDS Academy EMEA – Customer Catalogue & Schedule for Russia

## Access to the HDS Learning Center for Customers

Customers with an existing Account have immediate access to the HDS Learning Center → . Customers, who don't have yet an account could create one via the „New Customer ?“ link on the Learning Center Homepage or could request one via e-mail → .

**Box 1:** Please enter the course code in the search box and click 'Search Catalogue'.

Course Title	Version	Course Code	Actions
<a href="#">Best Practices with Storage Navigator Modular 2 for Hitachi Simple Modular Storage (WBST)</a>		TCC1440	<a href="#">Search Available Offerings</a> <a href="#">Request Public Offering</a> <a href="#">Add to Plans</a>

**Box 2:** For more information on the contents and details of this course please click on the course title. Under Actions please click on 'Search Available Offerings'.

Title	Version	Delivery Type	Start Date	End Date	Session	Location	Facility	Language	Actions
<a href="#">Best Practices with Storage</a>		Web Based Training						English	<a href="#">Launch</a>

**Box 3:** To start this online training please click on 'Launch'. If this had been an ILT class you would have had the option to click 'Register'.

# HDS Academy EMEA – Customer Catalogue & Schedule for Russia

## Course Description

A detailed Course Description is available for each of our courses. See sample shown on the right of this page. You can get a particular Course Description from either the Learning Center or the Academy section of the HDS Internet site. Here are the simple steps:

### From the Internet:

Click the following link to go directly to HDS Academy EMEA section:

<http://www.hds.com/services/education/emea>

Details are available by clicking the Course Descriptions tab.

View HDS Education Courses By

[Learning Path](#)
[Course Description](#)
[Country](#)
[Language](#)

### From the Learning Center:

Access the Learning Center via the following link: <http://learningcenter.hds.com>

Search for your course, click on the Course Title and then on the “More Details” Link.

[Main](#)
[More Details](#)

Attachments Print | Export

Name
<a href="#">Course Description</a>

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**DATASHEET**

**Hitachi Data Systems Academy**

**Education Services**

**TS10155 - Storage Management with Hitachi Storage Services Manager Software**

**Course Description:**  
This three day instructor-led course provides key technical information for customers on how to effectively manage their storage environment using Hitachi Storage Services Manager software.

**Duration:**  
3 days

**Target Audience:**  

- Customers
- Hitachi Channel Partners
- Hitachi Data Systems Sales and Service Engineers

**Prerequisite Courses:**  
None

**Required Knowledge and Skills:**  
SAP management experience or training

**Supplemental Courses:**

- TS10208 – Hitachi Tuning Manager Software Installation and Configuration
- TS10207 – Hitachi Device Manager Software Installation and Configuration
- TS10156 – Installing Hitachi Storage Services Manager Software

**Course Objectives:**  
Upon completion of the course, the learner should be able to:

- Navigate the Hitachi Storage Services Manager software graphical user interface (GUI) effectively
- Describe the architectural components of Storage Services Manager software and their impact
- Identify planning considerations for a Storage Services Manager software deployment
- Successfully install and manage CIM Extensions
- Use Hitachi Data Systems best practices to discover elements
- Perform standard administration and configuration tasks, including a host system set up
- Navigate the System Explorer to perform general System Explorer tasks
- Navigate the Capacity Explorer
- Describe the value of the Quality of Service modules for business applications
- Use the Capacity Explorer to monitor capacity from an application or storage perspective
- Select and interpret relevant capacity reports
- Configure collectors for reports
- Explain the functionality of Performance Explorer
- Set alerts in Event Manager and in Policy Manager

**Agenda:**

**Content Modules:**

- Overview
- Software Architecture
- Graphical User Interface (GUI) Navigation
- Deployment Planning
- Initial Set up and Configuration
- Product Administration
- System Explorer and Tooltips
- Capacity Management
- Reporting
- Performance Reporter
- Event and Policy Management
- Advanced Features
- Maintenance and Troubleshooting

**Learning Activities – Labs:**

- Security and System Configuration
- Manual CIM Installation
- Discovery
- System Explorer
- Capacity and Performance Data
- Reporting
- Managing Events
- Managing Policies
- Grid Backup
- Troubleshooting
- Install and Setup CIM Extensions (Optional Lab)

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