

Training Catalog



> > > **TIME**navigator™

Atempo Training

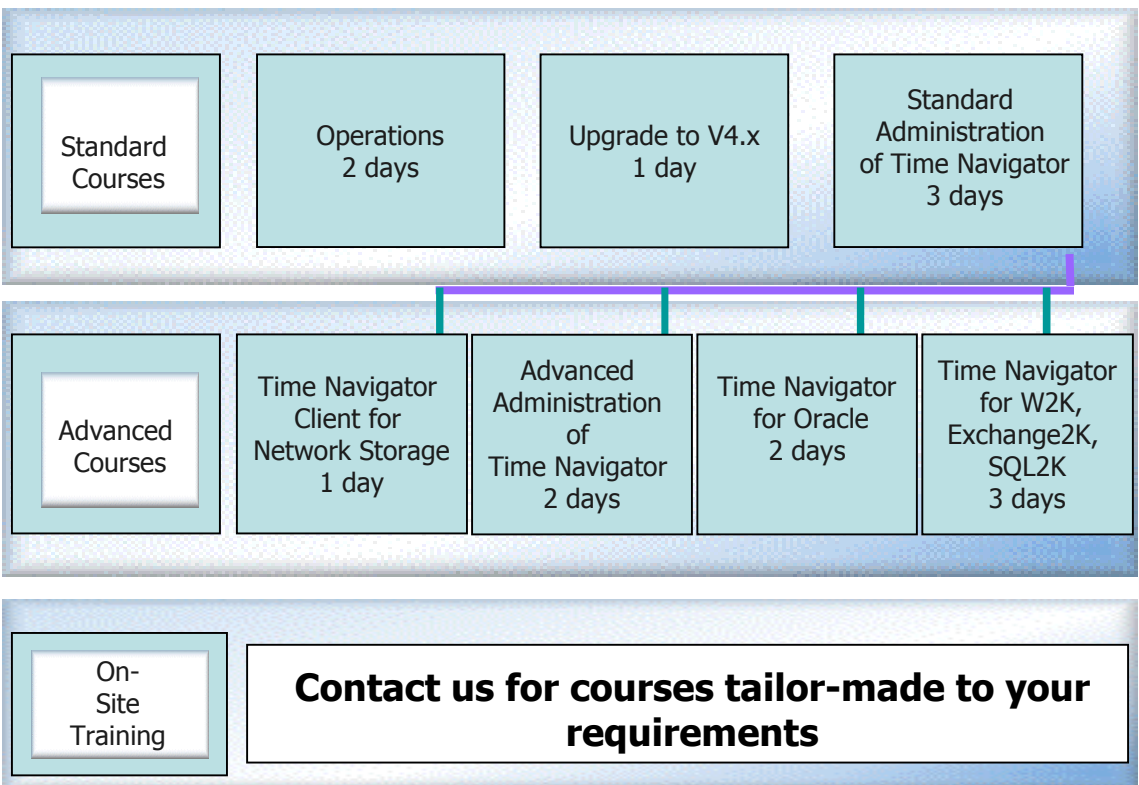
CONTENTS

| | |
|--|----|
| <u>Our Commitment to Quality</u> | 3 |
| <u>Training Program</u> | 4 |
| Standard Courses | |
| * <u>Standard Administration V 3.7</u> | 5 |
| * <u>Standard Administration V 4.0</u> | 6 |
| * <u>Upgrade to V3.7</u> | 7 |
| * <u>Upgrade to V4.0</u> | 8 |
| * <u>Operation</u> | 9 |
| * <u>Advanced Administration V3.7</u> | 10 |
| * <u>Advanced Administration V4.0</u> | 11 |
| * <u>LiveBackup</u> | 19 |
| Applications Courses | |
| * <u>Time Navigator Client for Network Storage</u> | 12 |
| * <u>Time Navigator for Oracle</u> | 13 |
| * <u>Time Navigator for MS-Windows 2K</u> | 14 |
| * <u>Time Navigator for MS-Exchange 2K</u> | 15 |
| * <u>Time Navigator for MS-SQL 2K</u> | 16 |
| * <u>OCM for Time Navigator</u> | 17 |
| * <u>DFM for Time Navigator</u> | 18 |
| <u>On-Demand Courses</u> | 20 |
| <u>On-Site Training</u> | 21 |
| <u>Partner Training Program</u> | 22 |
| <u>Certification</u> | 23 |
| * <u>Partner Technical Training</u> | 25 |
| * <u>Trainer Training</u> | 26 |
| * <u>1st Level Customer Support</u> | 27 |
| <u>Order Form</u> | 28 |
| <u>Terms and Conditions</u> | 29 |
| <u>Useful Information</u> | 30 |
| <u>Atempo Training Contact Information</u> | 31 |

Our Commitment to Quality

- Instructors with engineering background selected for their training skills, technical expertise and experience in the field.
- Partners trained and certified for their technical expertise with Time Navigator.
- Pre-training advice to help you choose the courses best-suited to your needs.
- Full training schedule enabling you to plan the courses to suit your needs.
- Efficient administrative service to facilitate course registration, attendance, record keeping and billing.
- Classrooms fully-equipped and air-conditioned to ensure optimal learning conditions.
- Groups limited to a maximum of 12 participants.
- Up-to-date course materials, genuine work tools, clearly set out course objectives and contents including practical exercises.
- Friendly and welcoming environment: hot drinks and lunch on ATEMPO sites at no extra charge.
- Full debriefing after training to ensure your satisfaction and to enable us to continually improve our services.

Training Program



- This program allows customers to improve their skills through dedicated training and through Expert Level and Backing-up Applications courses.
- Partners are able to offer their customers optimized technical competence that is most relevant to their business needs.

Standard Courses

Duration: 3 days

Objectives:

This course is designed for system administrators and will enable them to:

- ⊗ Understand Time Navigator architecture and processes.
- ⊗ Install and configure Time Navigator
- ⊗ Program backups
- ⊗ Carry out restoration.
- ⊗ Carry out archiving operations
- ⊗ Manage operations security
- ⊗ Manage operation tasks

Prerequisites:

Attendees should be familiar with the administration and configuration of UNIX or MS-Windows systems, as well as with network backup principles.

Attendees:

System administrators, database administrators, users, operators or developers responsible for operations.

■ The Task of Backup Software

- ⊗ Backup
- ⊗ Archiving
- ⊗ Restore
- ⊗ Types of Data
- ⊗ Types of Backups

■ Time Navigator: Architecture and Mechanisms

- ⊗ Backup Architectures
- ⊗ Graphical Interfaces

■ Installation and Configuration

- ⊗ Installation and Configuration
- ⊗ Installation of a Backup Server
- ⊗ Catalog Configuration
- ⊗ Installation of an Agent
- ⊗ Installing a Network
- ⊗ Web Interfaces: Prerequisites and Installation
- ⊗ Configuration of Time Navigator

■ Hardware Configuration

- ⊗ Configuration of Hosts
- ⊗ Definition and Configuration of Drives
- ⊗ Definition and Configuration of Libraries
- ⊗ Cartridge Operations in Library Manager

■ Cartridge Handling

- ⊗ Definition of a Cartridge Pool
- ⊗ Retention
- ⊗ Life Cycle of a Cartridge
- ⊗ Choice of Drive
- ⊗ Cartridge Selection Policy
- ⊗ Manual Operations on Cartridges

■ Scheduling Backups

- ⊗ Starting a Backup
- ⊗ Setup of an Automatic Backup
- ⊗ Definition of a Strategy
- ⊗ Advanced Option
- ⊗ The Write Format
- ⊗ Processing During Backup
- ⊗ Backup Pre / Post-Processing

- ⊗ The Backup Class
- ⊗ Write Sessions
- ⊗ Backup Definition Wizard
- ⊗ Group of Platforms
- ⊗ Importing a Strategy
- ⊗ Backup of Open Files
- ⊗ Windows 2000 and System State
- ⊗ Net Disk Application
- ⊗ Configuration: tina_config

■ Restore

- ⊗ Selection of Data
- ⊗ Restore Modes
- ⊗ Cross-Restore
- ⊗ File Trees from Another Platform
- ⊗ Actions on a File Tree
- ⊗ Read Sessions
- ⊗ Functioning of the Restore Interface

■ Security

- ⊗ Definition of User Profiles
- ⊗ User Rights
- ⊗ Catalog Maintenance
- ⊗ Installation Security

■ Archiving

- ⊗ Folder Setup
- ⊗ Viewing Folders
- ⊗ Archive Setup
- ⊗ Archiving Procedure
- ⊗ Archiving Backed-Up Data
- ⊗ Renaming / Deleting Archived Objects

■ Monitoring

- ⊗ Management
- ⊗ Supervision
- ⊗ Reports
- ⊗ Functioning of the Supervision Interface

Standard Courses

Duration: 3 days

Objectives:

This course is designed for system administrators and will enable them to:

- ⊗ Understand Time Navigator architecture and processes.
- ⊗ Install and configure Time Navigator
- ⊗ Program backups
- ⊗ Carry out restoration.
- ⊗ Carry out archiving operations
- ⊗ Manage operations security
- ⊗ Manage operation tasks

Prerequisites:

Attendees should be familiar with the administration and configuration of UNIX or MS-Windows systems, as well as with network backup principles.

Attendees:

System administrators, database administrators, users, operators or developers responsible for operations.

- **The Task of Backup Software**
 - ⊗ Backup
 - ⊗ Archiving
 - ⊗ Restore
 - ⊗ Types of Data
 - ⊗ Types of Backups
- **Time Navigator: Architecture and Mechanisms**
 - ⊗ Backup Architectures
 - ⊗ Graphical Interfaces
- **Time Navigator: License Manager**
 - ⊗ Install License Manager
- **Installation and Configuration**
 - ⊗ Installation and Configuration
 - ⊗ Installation of a Backup Server
 - ⊗ Catalog Configuration
 - ⊗ Installation of an Agent
 - ⊗ Installing a Network
 - ⊗ Web Interfaces: Prerequisites and Installation
 - ⊗ Configuration of Time Navigator
- **Hardware Configuration**
 - ⊗ Configuration of Hosts
 - ⊗ Definition and Configuration of Drives
 - ⊗ Definition and Configuration of Libraries (Virtual Library)
 - ⊗ Cartridge Operations in Library Manager
- **Cartridge Handling**
 - ⊗ Definition of a Cartridge Pool
 - ⊗ Retention
 - ⊗ Life Cycle of a Cartridge
 - ⊗ Choice of Drive
 - ⊗ Cartridge Selection Policy
 - ⊗ Manual Operations on Cartridges
- **Scheduling Backups**
 - ⊗ Starting a Backup
 - ⊗ Setup of an Automatic Backup
 - ⊗ Definition of a Strategy
 - ⊗ Advanced Option
 - ⊗ The Write Format
 - ⊗ Processing During Backup
 - ⊗ Backup Pre / Post-Processing
- ⊗ The Backup Class
- ⊗ Write Sessions
- ⊗ Backup Definition Wizard
- ⊗ Group of Platforms
- ⊗ Importing a Strategy
- ⊗ Backup of Open Files
- ⊗ Windows 2000 and System State
- ⊗ Net Disk Application
- ⊗ Configuration: tina_config
- **Restore**
 - ⊗ Selection of Data
 - ⊗ Restore Modes
 - ⊗ Cross-Restore
 - ⊗ File Trees from Another Platform
 - ⊗ Actions on a File Tree
 - ⊗ Read Sessions
 - ⊗ Manual access to cartridges
 - ⊗ Functioning of the Restore Interface
- **Security**
 - ⊗ Definition of User Profiles
 - ⊗ User Rights
 - ⊗ Catalog Maintenance
 - ⊗ Catalog Security
 - ⊗ Catalog Defragmentation
 - ⊗ Installation Security
- **Archiving**
 - ⊗ Folder Setup
 - ⊗ Viewing Folders
 - ⊗ Archive Setup
 - ⊗ Archiving Procedure
 - ⊗ Archiving Backed-Up Data
 - ⊗ Renaming / Deleting Archived Objects
- **Monitoring**
 - ⊗ Management
 - ⊗ Supervision
 - ⊗ Reporting
 - ⊗ Functioning of the Supervision Interface

Standard Courses

Duration: 1 day

Objectives:

This course is designed for Time Navigator backup administrators upgrading to version 3.7. It will enable them to:

- ⊗ Understand version 3.7 architecture and mechanisms
- ⊗ Discover the new functionalities
- ⊗ Upgrade to version 3.7.
- ⊗ Manage libraries and cartridges
- ⊗ Set up backups
- ⊗ Carry out restoration
- ⊗ Carry out archiving operations
- ⊗ Manage operations and ensure security

Prerequisites:

Administration course for Time Navigator or experience.

Attendees:

System administrators, database administrators, users, operators or developers responsible for operations.

■ Installation and Deployment

- ⊗ New Installation Procedure
 - Definition of FCS
- ⊗ Objectives
- ⊗ Configurator
- ⊗ Installation Procedure
- ⊗ Compatibility
- ⊗ General Information

■ Storage Area Network

- ⊗ Storage Node
- ⊗ Server or Storage Node
- ⊗ Migration
- ⊗ Agent/Server Migration
- ⊗ NAS NDMP
- ⊗ Serialization
- ⊗ Compatibility
- ⊗ Storage Node Migration
- ⊗ NAS - an Overview
- ⊗ Compatibility

■ Time Navigator 3.7

- ⊗ Administration
- ⊗ The License
- ⊗ tina_event_viewer
- ⊗ tina_library
- ⊗ Disk Drive
- ⊗ On-line Help
- ⊗ Access
- ⊗ Advanced Option
- ⊗ tina Interface
- ⊗ tina_lsm
- ⊗ tina_job
- ⊗ Environment Variables
- ⊗ Catalog
- ⊗ New User Rights

■ A More Open Architecture

- ⊗ Supervision
- ⊗ XML HTML
- ⊗ Extended Features
- ⊗ Supervision Details
- ⊗ Restore

■ Applications

- ⊗ The List Application
- ⊗ Net Disk Application
- ⊗ Time Navigator for DB2
- ⊗ Time Navigator Sharepoint Server Online
- ⊗ File System Application
- ⊗ Databases
- ⊗ Time Navigator for Exchange 2000

Standard Courses

Duration: 1 day

Objectives:

This course is designed for Time Navigator backup administrators upgrading to version 4.0 It will enable them to:

- ☉ Understand version 4.0 architecture and mechanisms
- ☉ Discover the new functionalities
- ☉ Upgrade to version 4.0.
- ☉ Manage libraries and cartridges
- ☉ Set up backups
- ☉ Carry out restoration
- ☉ Carry out archiving operations
- ☉ Manage operations and ensure security

Prerequisites:

Administration course for Time Navigator or experience.

Attendees:

System administrators, database administrators, users, operators or developers responsible for operations.

■ Installing and Upgrading

- ☉ The Time Navigator License Manager
- ☉ Upgrading Time Navigator 3.7 to Version 4.0

■ New or Updated Interfaces

- ☉ New Interface Names
- ☉ Time Navigator Administration Console – tina_adm.exe
- ☉ Archiving Server
- ☉ New Features in Cartridge Management
- ☉ Event Redirection
- ☉ Domain Editor

■ Cache and Catalog Enhancements

- ☉ Cache Enhancements
- ☉ Catalog Enhancements

■ New Protection Options

- ☉ Time Navigator SnapBackup.
- ☉ Time Navigator Replication
- ☉ WORM Drives
- ☉ System State Application

■ New Restore Options and Techniques

- ☉ Restore Test
- ☉ Job Duplication
- ☉ Cross-Restore and Archive Restore from the Web

■ New or Modified Command Line

- ☉ New Commands
- ☉ Modified Commands

■ New Products

- ☉ Data Intelligence: Time Navigator Reporter
- ☉ Data Retention & Compliance: Atempo Mailbox Manager
- ☉ PC Protect67
- ☉ Support for Mac OS X

Standard Courses

Duration: 2 days

Objectives:

This course is designed for Time Navigator operators and users, and will enable them to:

- ⊗ Understand Time Navigator mechanisms
- ⊗ Manage libraries and cartridges
- ⊗ Start a backup
- ⊗ Restore and archive data
- ⊗ Perform operation tasks

Pre-réquis

Working knowledge of UNIX or MS-Windows.

Attendees:

Users, developers and other personnel responsible for operations.

■ Understanding How Time Navigator Works

- ⊗ Features and Functions
- ⊗ Graphic Interfaces
- ⊗ Basic Principles
- ⊗ Getting Started with the Application

■ Management of Libraries and Cartridges

- ⊗ Elements of a Setup
- ⊗ General Considerations
- ⊗ Library Management Interface
- ⊗ Management of Libraries
- ⊗ Cartridge Handling
- ⊗ Definition of a Cartridge Pool
- ⊗ Retention
- ⊗ Life Cycle of a Cartridge
- ⊗ Manual Operations On Cartridges

■ Launching Backups

- ⊗ Setup and Launch of an Automatic Backup
- ⊗ Different Types of Backup
- ⊗ Definition of a Strategy
- ⊗ The Backup Class
- ⊗ Groups of Hosts

■ Restore

- ⊗ Traditional Restore
- ⊗ Principle of Time Navigation
- ⊗ Selection of Data
- ⊗ Extraction Modes
- ⊗ Backup Strategy
- ⊗ Read Sessions
- ⊗ Web Restore Interface

■ Security

- ⊗ Definition of User Profiles
- ⊗ Implementation of Solutions
- ⊗ Catalog Maintenance
- ⊗ Monitoring
- ⊗ Installation Management
- ⊗ Web Supervision Interface
- ⊗ Installation Supervision
- ⊗ Reports

Standard Courses

Duration: 2 days

Objectives:

This high-level course is designed for experienced Time Navigator administrators and will enable them to:

- ⦿ **Enrich their understanding of Time Navigator Develop and optimize their system architecture**
- ⦿ **Set up applications**
- ⦿ **Use Command Line**
- ⦿ **Understand how to troubleshoot Time Navigator using logs and tools**

Prerequisites:

A sound knowledge of UNIX or MS-Windows, Standard Administration course and at least three months experience with Time Navigator..

Attendees:

System administrators, database administrators, users, operators or developers with at least three months experience with Time Navigator..

■ Cache Management and Macro-Multiplexing

- ⦿ Cache Space: Advantages and Kinds
- ⦿ tina_cache
- ⦿ Macro-Multiplexing
- ⦿ Simple Backup without Macro-Multiplexing
- ⦿ Backup with Macro-Multiplexing
- ⦿ Configuring Macro-Multiplexing

■ Command Line

- ⦿ tina_stream
- ⦿ tina_cart_control
- ⦿ tina_export
- ⦿ tina_catalog_ctrl
- ⦿ tina_odbfree

■ Setting Up Applications

- ⦿ Setting Up Applications
- ⦿ Installing Application Libraries and Optional Components
- ⦿ Editing Environment Variables
- ⦿ File System Application
- ⦿ List application
- ⦿ Oracle
- ⦿ Network Storage

■ Manual Installation of Time Navigator and Installation of qc Driver

- ⦿ Manual Installation under Unix
- ⦿ File Configuration
- ⦿ Configuring Automatic Startup
- ⦿ Installing Time Navigator in Batch Mode on a Unix System
- ⦿ Installing Time Navigator in Batch Mode on a Windows System
- ⦿ Library Sharing and qc_split
- ⦿ qc_split Driver Mechanism
- ⦿ Library Sharing Module
- ⦿ Configuration of a Split Library
- ⦿ Prerequisites for Installation of the qc Driver
- ⦿ Manual Installation of the qc Driver
- ⦿ The split

■ Setting Tunables and the Conf Directory

- ⦿ Useful Tunables
- ⦿ Useful Tunables for SAN environment
- ⦿ Useful Tunables for the Catalog Path
- ⦿ Changing Compression
- ⦿ The Conf Directory
- ⦿ Hosts file
- ⦿ Logs file
- ⦿ Alarms_Filter file
- ⦿ Domains file

■ General Troubleshooting

- ⦿ Bottlenecks
- ⦿ tina_odbsave
- ⦿ Optimized Catalog Size
- ⦿ Scheduling Backups
- ⦿ Synthetic Backups
- ⦿ tina_env_report
- ⦿ Event Log - Format of an Event
- ⦿ Reading Events
- ⦿ Main Error Codes of Time Navigator
- ⦿ Internal Catalog Structure

■ Cluster Concept

- ⦿ Installation of a Cluster
- ⦿ Configuring a Cluster
- ⦿ Configuring a Dedicated Backup Network

■ Resolution of Names

- ⦿ Network Architecture
- ⦿ Four Case Studies

Standard Courses

Duration: 2 days

Objectives:

This high-level course is designed for experienced Time Navigator administrators and will enable them to:

- ⊗ **Enrich their understanding of Time Navigator Develop and optimize their system architecture**
- ⊗ **Set up applications**
- ⊗ **Use Command Line**
- ⊗ **Understand how to troubleshoot Time Navigator using logs and tools**

Prerequisites:

A sound knowledge of UNIX or MS-Windows, Standard Administration course and at least three months experience with Time Navigator..

Attendees:

System administrators, database administrators, users, operators or developers with at least three months experience with Time Navigator..

■ Cache Management and Macro-Multiplexing

- ⊗ Cache Space: Advantages and Kinds
- ⊗ tina_cache
- ⊗ Macro-Multiplexing
- ⊗ Simple Backup without Macro-Multiplexing
- ⊗ Backup with Macro-Multiplexing
- ⊗ Configuring Macro-Multiplexing

■ Command Line

- ⊗ tina_stream
- ⊗ tina_cart_control
- ⊗ tina_export
- ⊗ Other useful executables

■ Setting Up Applications

- ⊗ Setting Up Applications
- ⊗ Installing Application Libraries and Optional Components
- ⊗ Editing Environment Variables
- ⊗ File System Application
- ⊗ List application
- ⊗ Oracle
- ⊗ Time Navigator SnapBackup
- ⊗ Replication of data

■ Batch Mode Install & qc Driver

- ⊗ Installing Time Navigator in Batch Mode on a Unix & Windows System
- ⊗ Library Sharing and qc_split
- ⊗ qc_split Driver Mechanism
- ⊗ Library Sharing Module
- ⊗ Configuration of a Split Library
- ⊗ Prerequisites for Installation of the qc Driver
- ⊗ Manual Installation of the qc Driver
- ⊗ The split

■ Setting Tunables and the Conf Directory

- ⊗ Useful Tunables
- ⊗ Useful Tunables for SAN environment
- ⊗ Useful Tunables for the Catalog Path
- ⊗ Changing Compression
- ⊗ The Conf Directory
- ⊗ Hosts file
- ⊗ Logs file
- ⊗ Using the Configurator to filter alarms & domains

■ General Troubleshooting

- ⊗ Bottlenecks
- ⊗ tina_odbsave
- ⊗ Optimized Catalog Size
- ⊗ Scheduling Backups
- ⊗ Synthetic Backups
- ⊗ tina_env_report
- ⊗ Event Log - Format of an Event
- ⊗ Reading Events
- ⊗ Main Error Codes of Time Navigator
- ⊗ Internal Catalog Structure

■ Resolution of Names

- ⊗ Network Architecture
- ⊗ Four Case Studies

Applications Courses

Duration: 1 day

Objectives:

This course, essential for NDMP file server administrators using Time Navigator, will enable them to:

- ⊗ Optimize their backup architecture
- ⊗ Backup and restore their file server
- ⊗ Use new drive technologies

Prerequisites:

Knowledge of the NDMP protocol.

Administration Standard course or equivalent experience.

Attendees:

System administrators, database administrators, application developers, personnel in charge of ERPs, and users.

■ Network Attached Storage Overview

- ⊗ NAS Definition
- ⊗ Description
- ⊗ File Systems
- ⊗ NAS Backup Issues

■ Network Backup Overview

- ⊗ NDMP Protocol Definition
- ⊗ Limits
- ⊗ Functionalities and Features
- ⊗ Hardware Configuration Architectures

■ Installation of Time Navigator for NDMP

- ⊗ Time Navigator Architecture
- ⊗ Network Architectures
- ⊗ Hardware Declaration in Time Navigator
- ⊗ NDMP Declaration in Time Navigator

■ Network Attached Storage Backup

- ⊗ Backup Types
- ⊗ Grain Management
- ⊗ Setting up an Automatic Backup
- ⊗ Backup Mechanisms
- ⊗ NAS Particularities

■ Network Attached Storage Restore

- ⊗ Traditional Time Navigator Interface
- ⊗ NDMP Restore Methods
- ⊗ NDMP Extraction Options
- ⊗ NDMP Restoration Process

Applications Courses

Duration: 2 days

Objectives:

This course, essential for Oracle administrators using Time Navigator, will enable them to partially or totally back up or restore their Oracle databases.

Prerequisites:

A working knowledge of Oracle database administration and knowledge of Time Navigator Administration.

Attendees:

System administrators, database administrators, application developers, personnel in charge of ERPs, and users.

■ Oracle Architecture

- ⊛ General Principles
- ⊛ An Oracle Instance
- ⊛ Summary of the Architecture of an Oracle Database
- ⊛ Components of an Oracle Database
- ⊛ Understanding the Mechanisms
- ⊛ Other Parameters
- ⊛ Event Files
- ⊛ Table of Parameters and Commands

■ Backup and Restore Strategies for Oracle

- ⊛ Introduction to Backup
- ⊛ Backup Strategies for Oracle
- ⊛ Restoration Strategies for Oracle

■ Review of Time Navigator Architecture

- ⊛ Time Navigator Overview
- ⊛ Overview of the Product
- ⊛ Concepts
- ⊛ Backup Administration
- ⊛ Objects Managed by Time Navigator

■ Time Navigator for Oracle Installation and Configuration

- ⊛ Necessary Preconditions
- ⊛ Installation and Configuration
- ⊛ Declaring the Oracle 7 Module
- ⊛ Declaring the Oracle 8 Module
- ⊛ Environment Variables
- ⊛ Managing Error Situations

■ Setting up a Classical Backup

- ⊛ Cartridge Pools
- ⊛ Strategies
- ⊛ Classes

■ Setting up an Oracle Backup

- ⊛ Connecting to an Oracle Instance
- ⊛ Analysis of Directory Trees
- ⊛ Behavior Modification
- ⊛ Configuring a Full Backup
- ⊛ Configuring an Incremental Backup
- ⊛ Configuring a Cold Backup

■ Strategies and Scenarios for Restore of Oracle

- ⊛ Restore and Recovery
- ⊛ Restoring a Tablespace or a Datafile
- ⊛ Restoring a Critical Datafile
- ⊛ Restoring Archivelogs
- ⊛ Restoring Control Files
- ⊛ Loss of an Active Redo Log
- ⊛ Restoring Missing Redo Logs Files
- ⊛ Full Restoration
- ⊛ Restore in Command Mode
- ⊛ Cross-Restore

■ Controlled Restore and Advanced Operations

- ⊛ Controlled Restore
- ⊛ Advanced Operations

Applications Courses

Duration: 1 day

Objectives:

This course is indispensable for administrators of WINDOWS 2000 systems using Time Navigator. It will enable them to backup and restore WINDOWS 2000 systems (including the domain controllers), and to master backup and restore techniques for Microsoft Windows 2000.

Prerequisites:

Knowledge of administration of MS-Windows, Standard Administration course or equivalent experience.

Attendees:

System administrators, database administrators, application developers personnel in charge of ERPs and users.

■ **Installation of Windows 2000**

- ⊗ Identical Installation for All Kinds of Windows

■ **System State**

- ⊗ Backup of System State
- ⊗ Windows 2000 System State

■ **Windows Restore**

- ⊗ Restore of System State
- ⊗ Restore of Registry in Windows 2000
- ⊗ Restore of Windows 2000 System State
- ⊗ Restore in Command Mode

■ **Time Navigator Automatic System Recovery**

- ⊗ Definition
- ⊗ Installation
- ⊗ Configuration
- ⊗ Backup
- ⊗ Backup Classes
- ⊗ Restore

Applications Courses

Duration: 1 day

Objectives:

This course is indispensable for administrators of Exchange 2000 systems using Time Navigator. It will enable them to backup and restore Microsoft EXCHANGE 2000.

Prerequisites:

Knowledge of administration of MS-Windows and MS-Exchange, Standard Administration course or equivalent experience.

Attendees:

System administrators, database administrators, users, operators or developers responsible for operations.

■ **Architecture of an Exchange Server Application**

- ✧ Concepts
- ✧ Server/Client Messaging Communication
- ✧ Mailboxes
- ✧ Public Folders
- ✧ Directory
- ✧ Architecture
- ✧ Organization
- ✧ Routing Groups
- ✧ The Server
- ✧ Internal Functioning of the Exchange Server
- ✧ Main Components
- ✧ Internal Databases
- ✧ Connectors

■ **Installation of Time Navigator for Microsoft Exchange**

- ✧ Installation
- ✧ Backup Tutor Mode
- ✧ MS-Exchange Module
- ✧ Declaration of an MS-Exchange Application
- ✧ Time Navigator File Tree for Exchange
- ✧ Error on Choice of Runnable Set

■ **Restoring MS-Exchange with Time Navigator**

- ✧ Viewing Results of Backup of the MS Database
- ✧ Selecting Data to Restore
- ✧ Synchronization with the Synchronizer Object
- ✧ Environment Variables
- ✧ Restore Types
- ✧ Restore after Incident
- ✧ Restoring a Mailbox

Applications Courses

Duration: 1 day

Objectives:

This course is indispensable for DBAs of MS-SQL 2000 using Time Navigator. It will enable them to backup and restore Microsoft SQL 2000 databases.

Prerequisites:

Knowledge of administration of MS-Windows and MS-SQL, Standard Administration course or equivalent experience.

Attendees:

System administrators, database administrators, users, operators or developers responsible for operations.

■ **Architecture of SQL 2000**

- ✧ Backup
- ✧ Time Navigator for SQL 2000
- ✧ Architecture of SQL Server
- ✧ System Databases
- ✧ Transaction Logs
- ✧ Connectors and Roles

■ **Backup Mechanism with SQL 2000**

- ✧ Full Backups
- ✧ Differential Backups
- ✧ Backup of Transaction Logs
- ✧ Three Recovery Models

■ **Installation of SQL 2000**

- ✧ Installation
- ✧ SQL Module
- ✧ Declaration of an SQL-Server.Application
- ✧ Required Environment Variables
- ✧ Optional Environment Variables
- ✧ Error - "The libtina.sql.dll library is missing"
- ✧ Configuration of MS-SQL Server
- ✧ SQL 2000, as Seen Through Time Navigator

■ **Backup with Time Navigator**

- ✧ Scheduling
- ✧ Environment Variables for Backup
- ✧ Backup Interaction Model

■ **Restoring MS-SQL Server with Time Navigator**

- ✧ Restoring a User Database
- ✧ Restoring a Master Database

Description

OCM is a product that manages the externalization of media.

Applications Courses

Duration: 2 days

Objectives :

This course, indispensable for Time Navigator administrators using OCM, shows how to administer, use and optimize the OCM solution.

Prerequisites:

Full knowledge of Time Navigator

Participants:

Time Navigator administrators and users.

■ **OCM Prerequisites**

- ✧ Hardware Architecture (Library Type)
- ✧ Time Navigator Architecture

■ **OCM Architecture**

- ✧ Definition
- ✧ Installation

■ **OCM Concepts**

- ✧ Media Placement

■ **OCM Tasks**

- ✧ Task of Putting Off-line
- ✧ Task of Library Synchronization
- ✧ Task of Changing Media Placement
- ✧ Task of Putting On-line
- ✧ Task of Managing Virtual Libraries

■ **Administration of the Solution**

- ✧ Backup / Restore of the OCM Database
- ✧ Restarting After an Incident
- ✧ Restarting in the Framework of a PRA
- ✧

Description

DFM is a D2D2T solution permitting the migration to tape of data backed up on a disk.

Applications Courses

Duration: 2 days

Objectives :

This course, indispensable for Time Navigator administrators using DFM, shows how to administer, use and optimize the DFM solution.

Prerequisites:

Full knowledge of Time Navigator

Participants:

Time Navigator administrators and users.

■ D2D2T Concepts

- ⊗ The Key Points of a D2D2T Solution

■ DFM Prerequisites

- ⊗ Hardware Architecture
- ⊗ Time Navigator Architecture (cache, VLS, etc.)

■ DFM Architecture

- ⊗ Definition
- ⊗ Installation

■ DFM Concepts

- ⊗ DFM Sources
- ⊗ DFM Destination
- ⊗ VLS Retention

■ DFM Tasks

- ⊗ Migration Task
- ⊗ Demigration Task
- ⊗ Retention Task
- ⊗ Task of Synchronizing Destinations
- ⊗ Maintenance Task

■ Administration of the Solution

- ⊗ Backup / Restore of the DFM database
- ⊗ Restarting After an Incident
- ⊗ Restarting in the Framework of a PRA
- ⊗

Standard Courses:

Objectives :

This course is aimed at Backup Administrators and will enable them to :

- ✿ Understand the architecture and mechanisms of LiveBackup
- ✿ Install and configure LiveBackup
- ✿ Configure backups
- ✿ Restore data
- ✿ Configure security.
- ✿ Monitor and track usage

Duration: 1 day

Prerequisites:

Good knowledge of MS Windows. Knowledge of basic principles of network backup and restore

Participants :

Administrators and users of LiveBackup

■ **Prerequisites**

- ✿ Installing SQL Server
- ✿ Installing SQL Service Pack 3a
- ✿ SQL Service Manager

■ **Installing LiveBackup**

- ✿ Configuring LiveBackup Groups
- ✿ Configuring Clients

■ **Operations on LiveBackup Client**

- ✿ Restore Wizard
- ✿ Checkpoint

■ **LiveBackup Server Console**

- ✿ The Shared Database
- ✿ Data Storage
- ✿ Data Aging

■ **Monitoring**

- ✿ The Control Center
- ✿ Activity Reports
- ✿ Stopped Clients
- ✿ Managing Remote Servers

■ **System Rollback and Disaster Recovery**

- ✿ Checkpoint
- ✿ Rollback
- ✿ Migration of Remote File
- ✿ Disaster Recovery

■ **Vault Backup**

■ **Utilities and Case Studies**

On Demand Courses

Duration: 1 day

Time Navigator for R/3 SAP, Ref: M3SAP1

Objectives

This course, essential to SAP administrators using Time Navigator, will enable them to backup or restore partially or totally their R/3 SAP databases.

Prerequisites

A working knowledge of SAP database administration and knowledge of Time Navigator equivalent to the Standard Administration course.

Attendees

System administrators, database administrators, application developers, personnel in charge of ERPs, and users.

Duration: 3 days

Command Line ToolKit, Ref: M3CLTK

Objectives

Writing shell scripts allows to optimize and automate a global backup strategy. This course teaches how to drive Time Navigator from the command prompt.

Prerequisites

Standard Administration course or equivalent experience. At least a 3-month practice on Time Navigator. Notions of shell scripts development.

Attendees

Time Navigator administrators or any personnel in charge of automation.

Time Navigator for Notes Ref: M3LO1

Objectives

This course, essential for Lotus Notes administrators using Time Navigator, will enable them to back up and restore their Notes/Domino databases.

Prerequisites

A working knowledge of Notes/Domino database administration and knowledge of Time Navigator equivalent to the Standard Administration course.

Attendees

System administrators, database administrators, application developers, personnel in charge of ERPs, and users.

Duration: 1 day

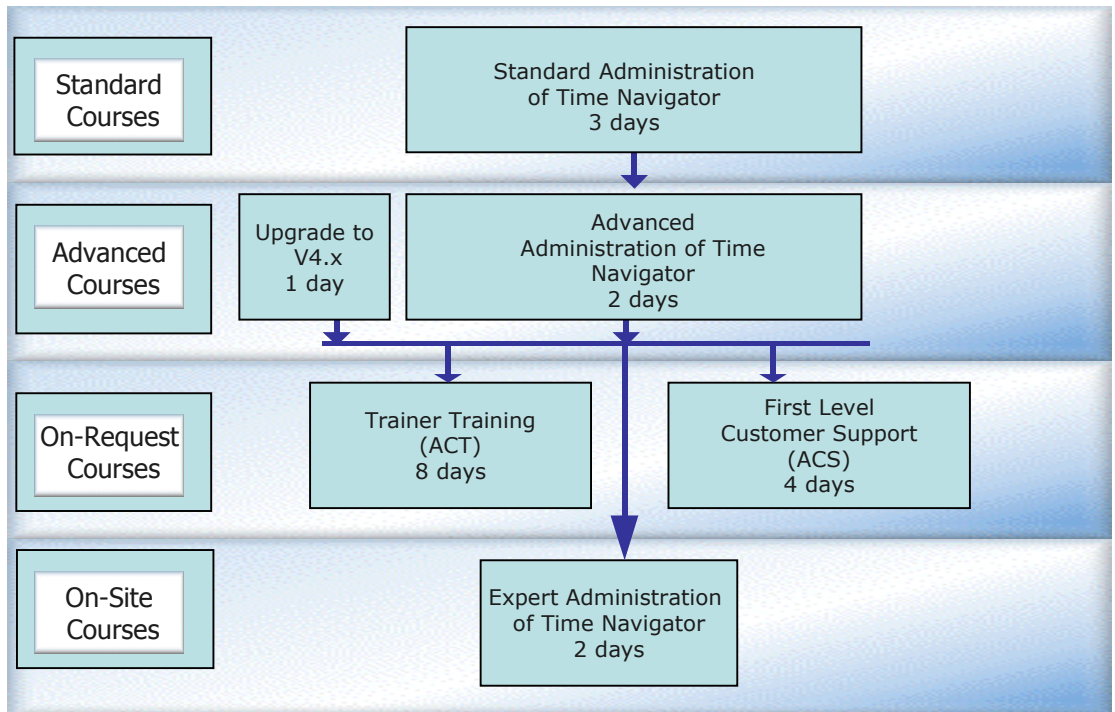
IMPORTANT INFORMATION

- We recognize the value of training in your own premises; therefore our courses are available on-site customized to your individual requirements.
- Our Training Center will be happy to study your needs and advise on specific courses, duration and any special requirements.
- However, in order to provide the best quality training we must ensure you are able to provide an infrastructure that will allow trainees to enjoy their training experience and gain maximum benefit from the course.
- The standard infrastructure necessary is listed below:
- Independent training room large enough to hold the scheduled number of attendees (maximum 8 trainees per session). The training room needs to be setup with all the equipment before the start of the training.
- For some courses, this is the responsibility of the company and not Atempo to **pre-install Time Navigator will be necessary**. If you would like Atempo to make this pre-installation an additional charge will be made (1/2 day) and this may result in a delay for the start of the training.
Check with the Training Centre for more details.
- Minimum one PC between two trainees. The configuration should be as follows:
 - ⊗ Unix, Linux, Mac OSX, Windows 2000/2003. **NOT XP!**
- The base OS must be installed by the Customer prior to the training -
 - ⊗ CD-ROM drive
 - ⊗ Monitor capable of displaying 1024 x 768 resolution
 - ⊗ No less than 8Gb disk space
 - ⊗ No less than 256Mb RAM
 - ⊗ Networked (100Mb if possible)
 - ⊗ Windows workstation for the trainer's demonstrations
 - ⊗ Projector to enable slide viewing
 - ⊗ White board and/or paper board
- **For ANY other training (such as Admin Advanced, Operations, Oracle, NDMP or Exchange) please contact the Training Center for specific pre-requisites.**
- Trainees attending on-site training will be considered absent from their Company for the duration of the course. Mobile phones are prohibited from the classroom
- The undersigned hereby declares to have read and understood the pre-requisites listed above and guarantees the requirements will be met.
- If these requirements are not met, we reserve the right to modify the course content or duration.

Signed:

Date:

Partner Training Program



- The Atempo Professional Certification Program offers an internationally recognized qualification for technical professionals looking to apply their expertise in today's complex business environment. The program is designed for those who implement, buy, sell, service and support Time Navigator solutions and wish to deliver higher levels of service and technical expertise.
- These training programs are designed to let partners easily acquire knowledge related to their operating environment. "Prerequisites" listed for each training in the following pages indicate the technical levels necessary to complete a class satisfactorily.
- The Training Packs are organized in chapters. Each of these covers a particular area of knowledge necessary for progressing to the next, and is punctuated by practical exercises. Hands-on exercises are emphasized so as to strengthen students' knowledge acquisition. All partners can follow the same courses as customers – see the courses listed in the first part of this Catalogue.

Certification

Are you interested in turning your knowledge into a tangible career asset? Certification is an excellent way to demonstrate technical leadership and give yourself a competitive edge. Join the growing number of Atempo Authorized Pre-Sales Engineers, Qualified or Certified Professionals who have distinguished their achievements and maximized the return on their training investment.

Atempo Certifications target technicians in charge of maintenance and installation, technical pre-sales staff and engineers. They offer customers a guarantee of the partners' competence in his or her area of specialization.

Five certifications are available:

Atempo Authorized Pre-Sales Engineer

Regional training sessions combine lectures and demonstrations for a thorough grounding in the use of specific Atempo products. Atempo Pre-Sales Engineers are familiar with Atempo product capacities and know how to position and sell them to meet customer needs in the most pertinent way. On completion of the training, attendees are qualified to pursue other certifications.

Atempo Certified Professional (ACP)

Atempo Certification helps you establish technical credibility, whether you are a system or network administrator or in charge of storage management in your business. Certified personnel increases corporate intellectual capital, provides sustained productivity, and helps reduce support calls. To pursue ACT, ACS or ACPS certifications it is necessary to be ACP certified first.


Atempo Certified Trainer (ACT)

This certification guarantees that the Partner has the technical and pedagogical skills necessary to offer training courses to customers from the range of Atempo's Basic Courses (Standard Administration and Operations). For more information, see the Trainer's Guide and the candidacy contract in the Partner Zone of the Atempo web site.

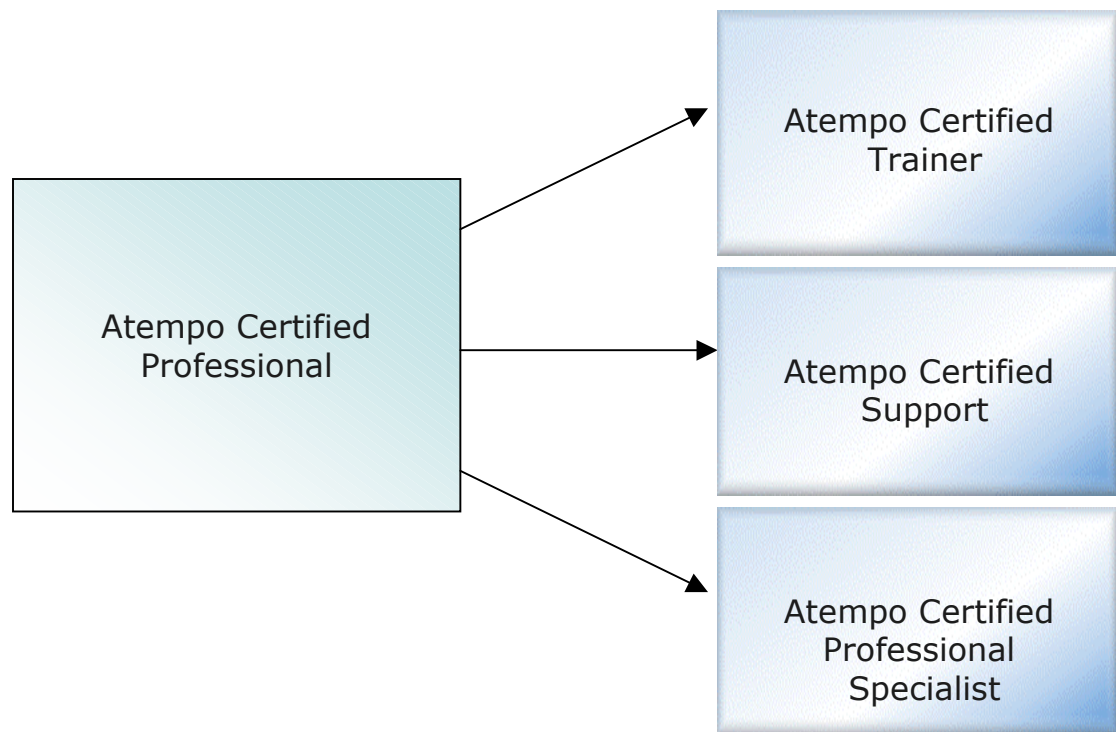
Atempo Certified Support (ACS)

This certificate (as well as signing a contract with Atempo) gives the right to offer 1st Level Customer Support to your clients.

Atempo Certified Professional Specialist (ACPS)

This certification guarantees that a Partner is qualified to create tailored solutions for customers, programming directly in the Time Navigator API. 

Certification



■ **Benefits of becoming Atempo Certified.**

- ⊗ Diploma and certificate number.
- ⊗ Direct access to the Hotline.
- ⊗ Regular meetings with the Atempo Pre-Sales Managers to update your knowledge in your areas of competence.
- ⊗ Pre-release announcements of new products by mail or at seminars.
- ⊗ International recognition of diplomas.
- ⊗ Atempo recognition of your skills.
- ⊗ Privileged access to other Atempo training sessions.

■ **Examination**

- **At the end of the Training session, each attendee takes an exam. A given number of questions corresponds to each module of the training.**
- Attendees must pass each module individually to achieve certification. The final mark will be calculated out of a score of twenty. If the final mark is greater than fifteen, you will be awarded a certification diploma and privileged access to our Hotline for your on-site installation operations. If the final mark falls between ten and fifteen, you may immediately retake the exam. If the final mark is less than ten, you will have one month to pass a new exam. The same rules apply to Upgrade to Latest Version, Trainer and Support Training.

Partner Technical Training

Ref : PARCL1 / PARCL2

Certifying Courses

Duration: 5 days

Objectives:

This training leads to the ACP Certification. It is made up from Standard Administration followed by Advanced Administration of Time Navigator.

The trainee can follow both trainings in the same week or allow up to three months to pass between part 1 and Part 2. The Exam is passed at the end of the Advanced Administration course.

Prerequisites:

See the prerequisites for Standard Administration and Advanced Administration.

Attendees:

Employees of companies that have signed a partnership agreement with Atempo, and who wish to become Atempo certified.

Location:

Training Center or on-site

Partner Technical Training Part 1 (3 days) (Standard Administration)

Reference PARCL1

✿ See page 5 for content

Partner Technical Training Part 2 (2 days) (Advanced Administration)

Reference PARCL2

✿ See page 8 for content

Certifying Courses

Duration: 8 days

Objectives:

This training is designed for Partners and will enable them to:

- ☼ Acquire techniques for training and communicating knowledge
- ☼ Assimilate methodologies
- ☼ Acquire the principle of training organization
- ☼ Master the tools provided

Prerequisites:

Certification from the following training :

- ☼ Partner Technical Training (ACP Certification)
- ☼ And/or Upgrade to Version 3.7
- ☼ Knowledge of UNIX and MS-Windows systems
- ☼ Experience in training groups.

Attendees:

Partner employees who wish to become Atempo Certified Trainers.

Location:

Education Center in France or on-site.

- **Theoretical training (2 days)**
- **Atempo and Time Navigator Presentation**
 - ☼ Positioning
 - ☼ Competitive Analysis
 - ☼ Product
 - ☼ Success Stories (Case Studies)
 - ☼ Time Navigator Features and Benefits
 - ☼ Compatibility Guide Study
- **Time Navigator Licensing and Pricing**
 - ☼ Introduction
 - ☼ Objectives of Trainer Training
 - ☼ Presentation of the Training Quality Charter
 - ☼ Presentation of Training Schedule and of Subsequent Phases
 - ☼ Awareness of the Ins and Outs of Successful Training
- **Educational principles**
 - ☼ The Trainer, the Group and the Individual
 - ☼ Assimilation Mechanisms and Learning Curves of Trainees
 - ☼ Trainer Behavior
 - ☼ Listening, Rephrasing, Drawing, Class Presentations, Alternation Techniques
 - ☼ Motivational Techniques
 - ☼ Other Pedagogical Methods
 - ☼ Time Management
- **Organization of Atempo Training Sessions**
 - ☼ Training Tracks
 - ☼ Training Sequencing and Alternation
 - ☼ Role of the Training Plan and Materials
 - ☼ Use and Creation of Practical Tasks
 - ☼ Evaluation (with or without Skills Acquisition Testing)
 - ☼ Feedback Questionnaires
- **Conducting a Practical Training Session**
 - ☼ Organizing and Evaluating a Training Sequence
 - ☼ Computer-Based Methods
 - ☼ Teaching Methods
 - ☼ Training Administration and User Friendliness
 - ☼ Beginning a Training
- **Further Assistance**
 - ☼ Upkeep of Links with Training Center
 - ☼ General Documentation Web Site Information
- **Co-Simulation (2 days)**
 - ☼ Real and Simulated Co-Animation Alternation
 - ☼ Occasional Participation in Conferences
 - ☼ Exercises and Observations
 - ☼ Formulating Observations and Suggestions
- **Further Training - Test (4 days)**
 - ☼ During this phase, which must occur within the six months following the successful completion of the previous phases, the training partner organizes at their own site or in Atempo Training Offices, qualifying training session, which will be subject to tests and checks by Atempo trainers. A Training Expert will be present throughout the duration of the training. From time to time, when this is physically possible, other trainers will also be present.

First Level Customer Support Ref: PARTSU

Certifying Courses

Duration: 3 days

Objectives:

This training is designed for partners and will enable them to:

- ☼ Offer first level customer support of Time Navigator

Prerequisites:

Certification in the following training session:-

- ☼ Partner Technical Training
- ☼ And/or Upgrade to Version 3.7 or 4.0
- ☼ At least 3 months' practical experience of Time Navigator

Attendees:

Partner employees who will become Atempo Authorized First Level Support.

Location:

Support Centre in France

■ A. Customer Care

- ☼ Customer Expectations
- ☼ The Customer File
- ☼ Communication
- ☼ Communication Between Partner and Customer
- ☼ Quality of Communication
- ☼ Quality of the Message
- ☼ Communication Tools
- ☼ When to Communicate
- ☼ Bearing of the Message
- ☼ Efficiency of Communication
- ☼ Communication between Partner and Atempo
- ☼ Transferring the Partner File to Atempo
- ☼ The Follow-up Log
- ☼ Types of E-mail

- ☼ The attendees will spend these days at the Support Service, under the supervision of a tutor from the Service.

■ B. ATEMPO Support

- ☼ Activities of the Atempo Support Team
- ☼ Structure and Operation
- ☼ Help-Desk Software Tool: Applix
- ☼ Web Support
- ☼ Knowledge Base

■ C. Qualification and Analysis of Technical Issues

- ☼ Definitions
- ☼ Qualifying a Technical Incident
- ☼ Return Codes
- ☼ Time Navigator Events
- ☼ The Network
- ☼ System Messages
- ☼ Managing Hardware Problems

■ D. Atempo Tools

- ☼ Diagnosis using a Range of Atempo Tools

■ E. Case Studies

- ☼ Backup
- ☼ Restore
- ☼ Performance
- ☼ The Catalog
- ☼ Libraries
- ☼ The Time Navigator License

Order Form

To be returned 2 weeks before the start of course to:

Atempo - International Education Center
Immeuble Odyssee - Bât. A - 2 - 12, chemin des Femmes
91886 MASSY CEDEX - France
Tel. : +33(0)1 69 32 28 24 - Fax : : +33(0)1 69 32 28 46
Accreditation No: 119 103 87 691 of 19/08/1997 - SIRET 38392378600065

Invoicing Information

Company:..... Department:
Purchase Order No: VAT No:.....
Name of Buyer:.....
Address:.....
Zip Code:..... Town:..... Country:.....
Tel.:..... Fax:..... E-mail:.....

Trainee Information

Trainee's Last Name:.....First Name:.....
Company:
Position and Department:.....
Address:.....
Zip Code:..... City:.....
State:..... Country:.....
Telephone:..... Fax:..... Email:.....
Training Manager:..... Tel:..... Fax:.....

Course and Date Information

| Course Ref | Course Title | Date(s) | Unit Price Ex VAT |
|------------|--------------|---------|-------------------|
| | | | |
| | | | |
| | | | |

The signatory, legally habilitated to engage the responsibility of the Company, hereby declares to have read and understood Atempo's General Sales Conditions and accepts them as an integral part of the Contract herewith constituted between the Parties:

Date

Stamp and Signature

- Payment on receipt of invoice.
- Purchase orders cancelled less than 5 (five) working days prior to the start of the course must be paid in full. days before the session are due in full. Purchase orders cancelled between 5 (five) and 10 (ten) working days prior to the start of the course will be payable to 50% of their value. Courses cancelled in writing more than 10 (ten) working days before the start date of will not be charged.

Version of Time Navigator used :

3.7

4.0

Operating system desired:

2000/2003

UNIX

ATEMBO reserves the right to conduct training on the Operating System of its choice.

Atempo 

Terms and Conditions

Ordering

All enrollments must be accompanied by a Purchase Order (cf the Order Form on the previous page of this Catalog). Orders must be received at the address indicated on the Order Form in the Catalog, or at the Fax Number + 33 (0)1.69.32.28.46.

Two weeks before the start of the session, a letter of notification will be sent to each attendee. All attendees must bring this letter to gain access to the Education Center.

Reservation options requested by phone or by E-mail are valid and places reserved only on reception by the Training Center of an Order issued by the Company. This must be duly filled out and must arrive no later than 15 days before the start of the course. Beyond this date, places are not held in reserve. Atempo is not required to inform the Customer of places lost in this fashion.

Before ordering : For attendees to follow courses under optimal conditions and reap maximum benefit from their training, please check that they have the Pre-requisites for each course module. This guarantees that courses can be taught to a given level and keep to a given schedule. Consequently, Atempo accepts no responsibility for course objectives not attained or attendees' incomprehension of the material if they have not respected the pre-requisites.

Order Validity

An order will remain valid for a period of 4 (four) months from the time that the order is received by Atempo. If, at the end of this period, the training still has not taken place (e.g. because it has not been possible to agree on a training date), the Customer must cancel the order in writing. Failing that, the order will be considered null by Atempo.

Certificates and Accreditation

At the end of the training session, each attendee will receive a certificate attesting to his/her All training sessions are fully accredited. Under French law, Atempo Education Center has Accreditation number 119 103 87 691.

Prices

Quoted prices do not include VAT, and must therefore be increased by the current VAT rate. Lunches taken at the Education Center are included in the price.

Prices do not include:

- ✿ Transportation costs
- ✿ Attendee accommodation costs.

Payment

Atempo will send an invoice on completion of the Training. This is payable on receipt by check or bank transfer to the order of Atempo:

Account Name : Atempo SA
Bank : Société générale (Villejust Massy)
Account No : 30003 02216 00020206847/74

29

Cancellation

Purchase orders cancelled less than 5 (five) working days prior to the start of the course must be paid in full. Purchase orders cancelled between 5 (five) and 10 (ten) working days prior to the start of the course will be payable to 50% of their value. Courses cancelled in writing more than 10 (ten) working days before the start date will not be charged.

Atempo reserves the right to postpone a session in the event of an insufficient number of attendees.

The Customer is then invited to select another date in the Training Calendar or cancel the Purchase Order in writing.

Additional Classes

Extra training sessions are available upon request. Do not hesitate to contact us. We will provide advice on existing training sessions or develop custom training sessions to fit your needs. On-site sessions are also available.

Training Material

Training documentation is given at the start of each session and is included in the price. Atempo holds the copyright to all training content and material. Any reproduction, modification or disclosure to third parties of all or part of these training sessions and/or documents, in any form whatsoever, is strictly forbidden.

For training with practical sessions, trainees will have the use of one computer per two people.

Training Times

From 09:00 to 09:15, Welcome

From 09:15 to 17:00, Training

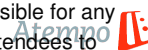
Stay

Training sessions take place at the Atempo Education Center in Massy, 25 KM South of Paris. Lunch in the Restaurant of the Training Center is included in the training price.

Hotel accommodation is the customer's responsibility. A hotel list is provided in this catalog, for information purposes only.

Miscellaneous

Atempo reserves the right to modify or adapt the training content to account for any product or technical development. Atempo cannot be held responsible for any personal effects or belongings brought by attendees to training sessions..



Useful Information

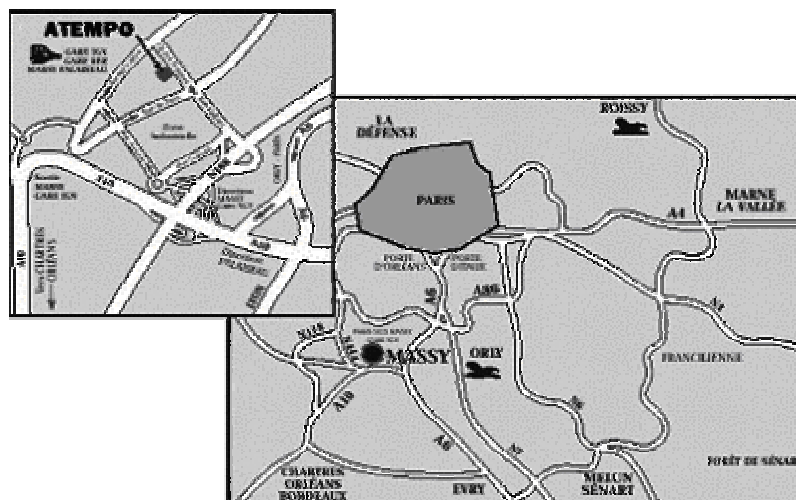
Accommodation

| | | | | |
|-----------------------|----------------------------|----------------------------|-----------------|----------------------------|
| Hôtel de la Poste | 5, ruelle Gaudon | Tel: + 33 (0)1 69 20 81 98 | 91300 Massy | Fax: + 33 (0)1 69 30 70 17 |
| Hôtel Alixia | 1, rue de la Providence | Tel: + 33 (0)1 46 74 92 92 | 92160 Antony | Fax: + 33 (0)1 46 74 50 55 |
| Hôtel Novotel | 18 rue Emile Baudot | Tel: + 33 (0)1 64 53 90 00 | 91120 Palaiseau | Fax: + 33 (0)1 64 47 17 80 |
| Le Relais de Massy* | 1 rue Gabriel Péri | Tel: + 33 (0)1 69 20 04 23 | 91300 Massy | Fax: + 33 (0)1 60 11 74 30 |
| Hôtel Mercure | 207 bd Raspail | Tel: + 33 (0)1 43 20 62 94 | 75014 Paris | Fax: + 33 (0)1 43 27 39 69 |
| Hôtel du Lion | 1 avenue du Gal Leclerc | Tel: + 33 (0)1 40 47 04 00 | 75014 Paris | Fax: + 33 (0)1 43 20 38 18 |
| Hôtel Parc St-Séverin | 22 rue de la Parcheminerie | Tel: + 33 (0)1 43 54 32 17 | 75006 Paris | Fax: + 33 (0)1 43 54 70 71 |
| Hôtel Mercure | 21 avenue Carnot | Tel: + 33 (0)1 69 32 80 20 | 91300 Massy | Fax: + 33 (0)1 69 32 80 25 |

This list is provided for informational purposes only. It does not imply any endorsement, nor any guaranty from ATEMPO S.A. regarding price and quality. special rate for ATEMPO's customers (Please mention it at first contact)*

Access Map

ATEMPO - International Education Center : 2-12 chemin des femmes, Immeuble Odysée, Bât A, - 91886 MASSY Cedex - France



By Car:

- ☉ **From Charles-de-Gaulle Airport:**
 - ☉ Go to Paris by motorway A1. Entering Paris at the Porte de la Chapelle towards the Boulevard Périphérique Est. Turn off towards A6 (direction Lyon-Bordeaux-Nantes), then A10 (Bordeaux-Nantes). Leave A10 at the exit Palaiseau, then follow the direction Massy Gare TGV.
- ☉ **From Paris:**
 - ☉ Exit from Paris by Porte d'Italie or Porte d'Orléans. Turn off towards Motorway A6 (Lyon-Bordeaux-Nantes).
- ☉ **From Orly Airport:**
 - ☉ Follow the direction Paris by main road N7, then turn off towards motorway A86 (Versailles), then A6 (Lyon-Bordeaux-Nantes). Exit at Igny Palaiseau, then follow directions to Massy Palaiseau TGV.
 - ☉ A parking space can be rented at the Massy Palaiseau TGV/RER station

By public transport:

- ☉ **From ORLY Airport (30 mn):**
 - ☉ Take ORLYVAL train.
- ☉ **From Charles-de-Gaulle Airport:**
 - ☉ (around 1 hour and 15 mn): take RER B4, direction "ST REMY LES CHEVREUSE" or "MASSY PALAISEAU". Get out at "MASSY PALAISEAU" station.

Atempo Training Contact Information

Europe:

ATEMPO S.A.
International Education Center
Immeuble Odysée - Bât. A
2-12 chemin des Femmes
91886 Massy cedex
France
Tel: +33 (0)1 69 32 28 24
Fax: +33 (0)1 69 32 28 46
Email: education@Atempo.com

United States:

ATEMPO Inc.
2465 E. Bayshore Drive, Suite 400
Palo Alto CA, 94303
Main number: 650-494-2600
Fax: 650-493-1600
Email: education-us@Atempo.com

Web:

www.Atempo.com