Training Catalogue 2026

The content of this catalogue may be updated during the year, depending on new features and improvements that Atempo Newco brings to its products.

DATA MANAGEMENT   DATA RESILIENCE

Sommaire

DATA MANAGEMENT **DATA RESILIENCE**

The objective of our Training Center is to enable you to become fully autonomous in the use of Atempo Newco solutions.

To achieve this, Atempo Newco's Training Center offers comprehensive programs designed to provide you with the knowledge and expertise that are essential to successfully use the Atempo Newco product range. The courses are designed for all user levels, from basic operation to advanced administration.

In addition to the training sessions held in Massy (91), we also provide:
- Knowledge transfer sessions tailored to your company's specific backup, restore, and archiving requirements.
- All training courses listed in the catalogue delivered on customer premises.

Do not hesitate to contact us by phone at **+33 1 64 86 83 83** or by email at **formation@atempo.com**. We will be pleased to support you throughout your training project. Constantly striving to improve our expertise, training quality, and instructional skills, we look forward to welcoming you among our satisfied customers.

In conclusion, we would like to emphasize that Atempo Newco's three flagship solutions – Lina, Miria, and Tina – developed and supported in France, are certified "**Used by the French Army**" and "**France Cybersecurity**". As a strong advocate of a digitally sovereign Europe and an active player in the fight against cybercrime, Atempo Newco holds the Vice-Presidency of the **Hexatrust** association. As part of the **French Tech 120 – Alumni 2020** program, aimed at fostering the emergence of 25 unicorns in 2025, the company is also an active member of the **PlayFrance**, **IT50Plus**, and **European Champions Alliance** initiatives, whose objective is to support French and European technology.

Our Resources

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Organization

- Rigorous management of all stages: information, registrations, course invitations, training agreements, and invoicing.
- Guidance to help trainees select the courses best suited to their needs.
- Training groups limited to a maximum of six participants (in compliance with health and safety guidelines).
- A welcoming and friendly environment.
- Two breaks and one lunch break scheduled during the training day.

Trainers

- Selected for their technical expertise and in-depth product knowledge (all trainers are certified), with extensive experience in product deployment at customer sites, enabling them to address the wide range of trainee requirements.
- Trained in instructional and teaching methodologies.

Technical Resources

- A training room within a highly connected environment.
- Video projection equipment.
- Electronic training materials, installation binaries, and test software provided to each trainee, enabling independent review and practice.
- One workstation per trainee, with the following current specifications :
  - Dual or Quad Core processor
  - 8 GB RAM
  - two 300-GB disks
  - 20- or 22-inch display
  - Dedicated 1 Gb Ethernet network
  - Virtual machines to support hands-on exercises

Training Methods

- Training materials that clearly and accurately cover the course content, including practical exercises.
- Hands-on labs and question-and-answer sessions for each chapter.
- A final course evaluation completed by trainees, enabling the continuous improvement of Atempo Newco's training services.

Administration

DATA RESILIENCE

Tina – Core Knowledge
Duration: 3 days
Reference: FTNAD1
Certified Solution

Prerequisites
- Solid knowledge of Linux or MS Windows
- Understanding of the fundamental principles of network-based backup

Participants
- System administrators, Database administrators, Users, operators, or developers responsible for administering and operating the solution

Objectives

Simultaneous use of the traditional interfaces and the new WEBUI.
This course, intended for backup administrators, will enable participants to:

- Understand the architecture and mechanisms of Tina
- Install and configure Tina
- Configure backup operations
- Restore data
- Secure operations
- Monitor day-to-day operations
- Configure application-specific settings

- Use the command-line interface
- Understand troubleshooting using logs and built-in tools
- Deepen their understanding of Tina
- Upgrade and optimize their system architecture
- Configure application-specific settings
- Use the command-line interface
- Understand troubleshooting using logs and built-in tools

This course is essential for administrators of virtualized servers using VMware ESX who rely on Tina, as well as for those using ADE Server. It will enable them to select and effectively use the most appropriate backup and restore modes for their servers

Administration

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Program

Purpose of Backup Software

- Backup
- Archiving
- Restoration
- Backup Types
- Types of Data
- Storage Destinations

Architecture and Mechanisms

- Server
- Storage Node
- Agent
- Developing the Fundamentals
- Introduction to Atempo Deduplication Engine (ADE)

Server Installation

- Installing a Backup Server
- Configuring a Catalog
- Atempo License Manager Operation
- Retrieving a License File
- Configuring the Application
- Understanding Storage Devices
- Definition and Configuration of Devices
- Definition and Configuration of a VLS
- Device Detection Wizard
- Operations on Drives and Library

Defining a Media Set

- Defining Retention Policies
- Visualizing Cartridge Lifecycle
- Defining Cartridge Selection Rules
- Performing Manual Media Operations
- Selecting Cartridge Data

Agents

- Installing an Agent
- Deploying an Agent

Backup Implementation

- Defining a Backup
- Backup Wizard
- Manual Backup Configuration
- Backup Selections

- Scheduling (Triggering a Backup)
- Backup Utilization

Restoration

- Using the File Tree
- Using Time Navigation
- Understanding Precautions
- Selecting Data
- Restoring Data

User Catalog Management

- Definition of User Profiles: Tina User vs System User
- LDAP Connection
- Profile Management
- Catalog Maintenance: Understanding and Ensuring Security

Infrastructure Management

- Monitoring Operations
- In Real Time
- Through the Job Interface
- Cartridge Request Interface
- Redirecting Events
- Using the Report & Statistics Tool
- Managing License Changes
- Using support.atempo.com
- Creating an AER

VMWARE Backup Implementation

- Backing Up Virtual Environments

VM Restoration

- Vault Mode Restoration (Entire VM)
- File-Level Restoration
- Selecting Data
- Restoring via WEBUI
- Restoring Data in Virtualized Environments

Application Modules

- Net Disk, SRA, and Oracle RMAN Applications
- ADE Deduplication Engine Management
- Security: Replication, VLSA

Lina – Core Knowledge
Duration: 1 day
Reference: FTNALN
Certified Solution

Prerequisites
- Good knowledge of Linux or MS-Windows

Participants
- Users, administrators, or personnel dedicated to system operations

Objectives

Simultaneous use of the traditional interfaces and the new WEBUI.
This course, intended for backup administrators, will enable them to:

- Install and administer the application
- Monitor activity

- Restore data
- Secure the application
- Install the deduplication server

- Protect data (strategies, protections, protection rules, protection zones, file categories, Bare Metal Restore)

Program

Understanding Concepts and Architecture
- Concepts
- Architecture
- Usage recommendations

Installing and Configuring Lina
- Standard Installation:
  - Supported platforms
  - Windows/Linux server installation
  - Windows/Linux/Mac agent installation
- Advanced Installation:
  - Silent mode
  - Deployment mode
  - Automatic updates
  - Multi-server mode

Protecting Lina Agents
- File categories
- Predefined paths
- Protection rules
- Protection programs
- Agents
- Strategies

Administering and Monitoring Lina Activities
- Users
- Services
- Environment variables
- License
- Replication
- Events
- Files

Restoration
- Restoration wizard
- Cross restoration
- Remote restoration
- Restoration from another server
- Advanced combined restoration

Protecting the Lina Server
- Tina backup of the Lina server
- Other backup and snapshot tools
- Replication

Troubleshooting
- Environment Reporter
- Server and agent processes
- Events and ports

Basic Miria Knowledge
Duration: 3 days
Reference: FMIRIA
Certified Solution

Prerequisites
- Practical knowledge of Linux or Windows
- Experience in configuring networked workstations
- Understanding of data protection challenges

Participants
- System administrators, storage managers and/or data protection managers
- Training materials provided in English

Objectives

Simultaneous use of the traditional interfaces and the new WEBUI.
This course, intended for administrators of unstructured data archiving and backup, will enable them to:

- Understand the architecture and mechanisms of Miria
- Install and configure Miria on Linux or Windows

- Data Archiving, Backup, and Migration
- Protect and restore objects

- Supervising and Securing Operations
- Integrate various storage managers
- Troubleshooting

Programme

Data Protection
- Definition of data protection
- Why protect data?
- From backup to long-term protection: some theory

Miria Architecture
- Miria modules
- Miria Agent/Client modes

Installing Miria
- Installing the Miria server
- Installing Miria agents
- Installing the Miria administration console
- Installing the Miria user interface
- Deploying these interfaces on Windows

Miria Concepts
- Platforms
- Storage managers
- Retention and protection policies
- Users and user groups
- Trusted domains
- Miria archives
- Miria tasks
- Advanced settings and object groups
- Miria criteria and metadata
- Miria deduplication domain

Basic and Advanced Configuration

- Platforms: Data Movers, NAS, shared file systems, platform pools
- Storage managers and their containers: Disk, S3, Media Manager, Cloud, etc.
- Configuring retention periods and protection policies associated with secondary storage
- Configuring users and user groups
- Configuring and using Atempo Media Manager (AMM):
  - Robotics and magnetic tape management
- Configuring primary storage
- Configuring repositories (Project Archives)
- Configuring tasks with Miria:
  - Job distribution criteria
  - Threads on secondary storage
- Metadata – selection criteria

Data Archiving, Backup, Migration, and Restoration

- Opening an archive
- Protecting data
- Searching for protected data
- Restoring Miria data

Supervision and security

- Miria supervision
- Miria job monitoring
- Miria event monitoring
- Sessions and processes
- Encrypted connections
- Database backup under PostgreSQL/MaxDB to file
- Miria server backup

Other Storage Managers

- Object storage
- Cloud
- Media Manager
- Miria File Storage Container
- Miria server backup

On-Site Training

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Ref. : **FTNSITEC**

Important Information

Training staff in their familiar environment, using their own equipment, offers clear pedagogical benefits and allows for faster assimilation of the course content. All our training courses can also be delivered in a standard format at the customer's premises.

Our Training Center is ready to work with you to define and implement your training project on your premises, using your own hardware and software, should you so wish.

A maximum of **six trainees** per session is required, in compliance with health and safety measures, in order to ensure sufficient trainer availability.

To conduct the training under optimal conditions, we must ensure that you provide the trainer with an appropriate infrastructure, enabling trainees to fully benefit from the training content. For this reason, the standard environment we consider necessary is outlined below:

· A dedicated training room capable of accommodating the planned number of participants. It is the client's responsibility to equip the room with all necessary facilities prior to the start of the training. Atempo Newco does not intervene in this process but remains available to provide advice if needed.

· One workstation per trainee. The workstation must be dedicated to the training and must not be a production workstation.

· The minimum workstation configuration required for the training is detailed on the following pages.

· A video projector enabling the display of slides from the trainer's server.

· A whiteboard or flip chart.

Throughout the duration of the course, trainees must be considered absent from their company. Mobile phones must be switched off in order not to disrupt the training.

The undersigned acknowledges having read and understood the above prerequisites* and guarantees their implementation.

If these prerequisites are not met, Atempo Newco reserves the right to modify the content and/or the duration of the training.

Signature :   Date :

*Prerequisites for each training course are detailed on the following pages

Tina Administration Training

Standard
- No domain required
- For each trainee:

  - 1 virtual machine configured as a «Tina agent», running Windows 2016 or 2019, or Linux CentOS/RedHat 7 minimal, 64-bit, RAM: 4 GB, CPU: 1 core, Available disk space: 10 GB
  - 1 virtual machine configured as a Tina server, running Windows 2016 or 2019, or CentOS/RedHat 7 minimal, 64-bit, RAM: 16 GB, CPU: 2 cores, Available disk space: 100 GB
  - Proper name resolution between the server and agent machines for each workstation, with fixed IP addresses (i.e., the command ping machine_name must return the correct IP address of the target machine from both the server and agent machines).

Advanced
- No domain required
- For each trainee:

  - A test vSphere infrastructure including at least one ESXi v6.5 host containing the Windows VMs listed below, with a dedicated vCenter, 1 virtual machine configured as a Tina agent, running Windows 2016 or 2019, 64-bit, RAM: 4 GB, CPU: 1 core, Available disk space: 10 GB, Total VMDK disk size reduced to less than 20 GB
  - 1 virtual machine configured as a Tina server, running Windows 2016 or 2019, 64-bit, RAM: 32 GB, CPU: 2 cores, Available disk space: 300 GB, Thin provisioning recommended
  - Proper name resolution between the server and agent machines for each workstation, with fixed IP addresses (i.e., the command ping machine_name must return the correct IP address of the target machine from both the server and agent machines).

HyperStream Server and VMware Training
- 1 ESXi vSphere server, version 5.5 minimum, with a dedicated vCenter
- No domain required
- For each trainee:
  - 1 virtual machine to be backed up, running Windows 2016 or 2019, as compact as possible, Maximum disk size: 20 GB or less (thin provisioning recommended), RAM: 4 GB, CPU: 1 core
  - 1 virtual machine «ATN server with HVDS»
  - Windows 2016 or 2019
  - RAM 32 GB
  - Disk space: 300 GB (thin provisioning recommended, as the actual space used during lab exercises will be approximately the size of the VM to be backed up)
  - ping machine_name must return the correct IP address of the target machine from both the server and agent machines

On-Site Training: Technical Prerequisites

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Miria Training

- Two machines are required (possibly virtual machines)
- A third machine, the administration workstation, is optional (possibly a virtual machine)

Linux Server:

- Must be Red Hat/CentOS 7 minimal 64-bit

Windows Server:

- Must be Windows 2016 or 2019 64-bit, minimum 32 GB RAM
- Add 2 GB if the Tina-type Storage Manager feature is used
- Add 2 GB if the Exalead feature is used, minimum 20 GB disk space
- Super-user account access required

Agent: Windows:

Server must be Windows 2016 or 2019 64-bit

- Minimum disk space: 20 GB
- Minimum RAM: 4 GB
- Super-user account access required

Network:

TCP/IP

- Minimum 100 Mb/s
- No Firewall between machines
- Administration workstation optional

Atempo Newco Certifications

For all its software, Atempo Newco offers the possibility to obtain various certifications. These certifications validate either general knowledge of a software or specific skills on a particular module.

For Tina, the general certification in administration is divided into two increasing levels of expertise: Administrator and Expert.

Whether you are a system or network administrator, consultant, or operator, Atempo Newco certifications validate your technical knowledge of our software.

Certifying a company's personnel increases its intellectual capital, thereby enabling higher productivity. On an individual level, these certifications provide a competitive advantage. They give our clients assurance of the technical competence of their staff in the areas of data backup, restoration, protection, and archiving..

Certification Test Procedure

The tests are offered as online multiple-choice questionnaires (MCQs) lasting between 45 minutes and 1 hour. Results are available immediately, and the certificate is then sent by email to the trainee.
The test is conducted at the end of the training session.

Professional Certification Program for Atempo Newco Partners

For over 20 years, Atempo Newco has implemented the Atempo Newco Professional Certification Program to validate the skills of its partners. This program is designed for partners who deploy and support Atempo Newco software solutions and want to enhance their level of service and expertise

Through the Atempo Newco Partner Program, our partners bring significant value to Atempo Newco products and services, providing the best possible solution in the field of data protection. This Professional Certification Program is designed to enable Atempo Newco partners to demonstrate their technical skills related to their clients' operating environments.

Atempo Newco Certifications

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Target Participants:
- Any employee of a company that has signed a partnership agreement with Atempo Newco
- Any employee of a company wishing to validate their level of competence on Atempo solutions

Tina

Test « FTNAD1 »

Certification Test on Standard Tina Administration – Duration: 45 minutes

Test « FTNAD2 »

Certification Test on Advanced Tina Administration – Duration: 60 minutes

Passing both tests, ATNCA and ATNCE, is required to obtain the status of «Atempo Certified Partner».

Miria

Test « FMIRIA »

Certification Test on Miria Administration – Duration: 45 minutes

Purchase Order

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By mail to: Atempo Newco – 23 avenue Carnot, Bât. A – 91300 Massy, France
By phone: +33 (0)1 64 86 83 83 or by e-mail : formation@atempo.com

Company* : ....

Order No. : .... SIRET No.: ....

Address : ....
....

Postal Code: .... City: ....

Country: .... Buyer Name: ....

Phone: .... E-mail ....

(*) indicate the NAME and ADDRESS of the collecting organization covering the training, noting that the written agreement from your OPCA must reach Atempo Newco no later than the last day of the training. Otherwise, Atempo Newco will invoice the company listed above.

Trainee Last Name: .... First Name: ....

Company: ....

NAF Code (mandatory): ....

Position and Department: ....

Address (if different): ....

Postal Code: .... City: .... Country: ....

Phone: .... E-mail : ....

Manager Name: ....

Phone: .... E-mail : ....

Information on Training Session(s):

Course Reference	Course Title	Dates	Unit Price (excl. VAT)	Unit Price (incl. VAT)

The undersigned, duly authorized to commit their Company, acknowledges having read Atempo Newco's General Terms and Conditions of Sale and accepts them as an integral part of the contract between the Parties arising from this order.

Please precede this with the handwritten mention "Approved for Agreement"..

Date : .... Stamp and Signature : ....

Any order canceled less than 5 (five) business days before the start of the course will be fully due. Any cancellation occurring between 5 (five) and 10 (ten) business days before the start of the course will result in the client paying a compensation equal to 50% of the canceled order. Any cancellation made in writing at least 10 (ten) business days before the start of the course will incur no fees.

General Terms of Sale

1. Order

All registrations must be the subject of a purchase order sent to: Atempo Newco – 23 avenue Carnot, Bât. A – 91300 Massy Or by email to: formation@atempo.com

At the latest two weeks before the scheduled session, an invitation is sent to each participant. This invitation is required to access the Training Center.

Booking options requested by phone or email are only confirmed, and registration only becomes effective upon receipt by the Training Center of a purchase order issued by the company, duly completed, no later than 2 weeks (10 working days) before the start of the course for Inter-company training and 4 weeks for On-Site training. After these deadlines, the option will no longer be maintained, without Atempo Newco being obliged to notify the client.

2. Order Validity

An order remains valid for a period of 4 (four) months from the date of receipt by Atempo Newco. If, at the end of this period, the training has not taken place (for example, if the client has not been able to select a date from Atempo Newco's training calendar), the client must cancel the order in writing. Otherwise, the order will be considered null by Atempo Newco.

3. Coverage by a Collecting Organization

At the end of the training session, each trainee receives a certificate of attendance. Atempo Newco is authorized to issue training agreements, and its training invoices serve as training agreements. Accreditation number: 11910812791

The client agrees to request coverage from its collecting organization and to provide the coverage agreement to Atempo Newco before the start of the training. Otherwise, the client will be invoiced directly by Atempo Newco and agrees to pay for the ordered training.

4. Pricing

Training prices are subject to VAT (20%).

5. Payment

For all orders sent to Atempo Newco, invoices in EUR and USD must be paid to: Banque: BRED BAGNOLET; IBAN: FR76 1010 7002 3000 8170 8916 120 Code BIC BREDFRPPXXX

For all orders sent to Atempo Inc. (USA), invoices in USD must be paid to: Atempo Inc. Bank: Mercury as Column N.A. ; Account: 674994038678129 SWIFT: CLNOUS66MER; Comerica Bank Routing: 1211454336

6. Cancellation

Any order canceled less than 5 (five) working days before the start of the course will be fully due. Any cancellation occurring between 5 (five) and 10 (ten) working days before the start of the course will result in the client paying a compensation equal to 50% of the canceled order. Any cancellation made in writing at least 10 (ten) working days before the start of the course will incur no fees.

Atempo Newco RESERVES THE RIGHT TO POSTPONE A SESSION if the number of registered participants is insufficient. The client may then either choose another date from the training schedule or cancel the order by writing to: Atempo Newco – 23 avenue Carnot, Bât. A – 91300 Massy or by email to: formation@atempo.com

Before registering: To allow trainees to follow the training under optimal conditions and fully benefit from the information provided during the courses, it is strongly recommended to verify the prerequisites for each module. This ensures class homogeneity and adherence to the schedule. Consequently, if the specified prerequisites are not met, Atempo Newco cannot be held responsible for failure to achieve the intended objectives or for trainee comprehension difficulties.

7. Additional Courses

Specific courses and additional sessions can be provided on request. Please contact us. We will advise you on choosing the training, whether inter-company or On-Site, scheduled according to our calendar or not. We are also available to organize On-Site training sessions.

8. Training Materials

Electronic course materials are provided by the Training Center at the beginning of each session and are included in the participation fees. Atempo Newco retains full copyright over the content of the courses and materials. Any reproduction, modification, or disclosure to third parties, in whole or in part, of these courses or materials, in any form, is strictly prohibited.

For courses with practical exercises, one workstation per trainee is provided.

9. Schedule

From 8:30 AM: participant registration
8:45 AM to 5:30 PM: training sessions

10. Accommodation

Inter-company sessions take place at our Training Center in MASSY (91). The search and booking of accommodation are the client's responsibility. Trainees' lunch is covered by Atempo Newco, except for On-Site client training..

11. Miscellaneous

Atempo reserves the right to modify or adapt the training program according to changes in technical information.

Practical Information

The Atempo Newco Training Center is located at :
"Immeuble ILIADE" 23, avenue Carnot, 6th floor
91300 MASSY
France
The Atempo Newco TRAINING team can be reached:
by phone: **+33 (0)1 64 86 83 83**
by e-mail: **formation@atempo.com**

Our location:

· 11-minute walk from Massy TGV train station
· 5-minute walk from Massy-Palaiseau station via RER B* and 10 minutes via RER C*
· 20 minutes by car, or 10 minutes by RER B + OrlyVal from Orly Airport

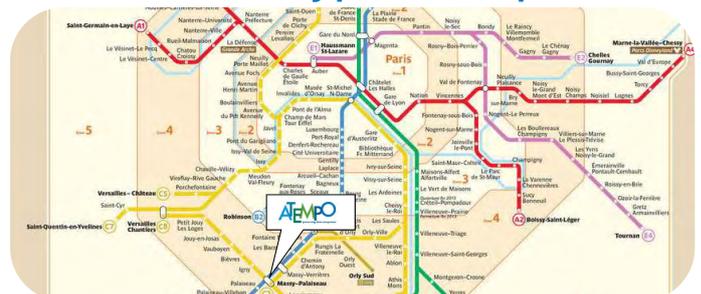(*) A pedestrian bridge connects the two RER stations at Massy-Palaiseau

Accessible by car

Numerous public parking spaces available

Accessible by public transport

Easily accessible by bus:
https://www.transdev-idf.com/plan-et-horaires/massy