

**Standard Operating Procedure (SOP)**  
**Installation & Configuration of Altova FlowForce and MapForce**  
**on a New System**

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## Document Version

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  - **Date:** [12/09/2025]
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## Purpose

This SOP provides a detailed step-by-step guide to install and configure Altova FlowForce Server 2025 and Altova MapForce 2025 on a new system (Windows Server). The document ensures a standardized installation process that reduces errors and enables smooth deployment and migration.

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## Scope

- Installation of required Windows Server OS
  - Installation of Altova FlowForce Server 2025
  - Installation of Altova MapForce 2025 (optional but recommended)
  - Configuration of FlowForce Server
  - Migration of existing jobs and settings from the old system to the new one
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## Prerequisites

1. **Hardware/Software Requirements**
  - Windows Server 2023 or higher
  - Minimum 8 GB RAM (16 GB recommended)
  - Minimum 50 GB free disk space
  - Internet access to download Altova software
2. **Access Requirements**
  - Administrator access to the server
  - License key for Altova FlowForce and MapForce OR access to Altova License Server
3. **Files Required**
  - Altova FlowForce Server installer (AltovaFlowForceServer2025.exe)
  - Altova MapForce installer (AltovaMapForce2025.exe)

- Backup ZIP file of existing FlowForce jobs and configuration from production system

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## Procedure

### *Step 1: Prepare the Windows Server*

- Install **Windows Server 2023 or higher**.
- Ensure all updates and patches are applied.
- Configure network and firewall rules to allow FlowForce ports (default: 8082 for HTTP, 8083 for HTTPS).

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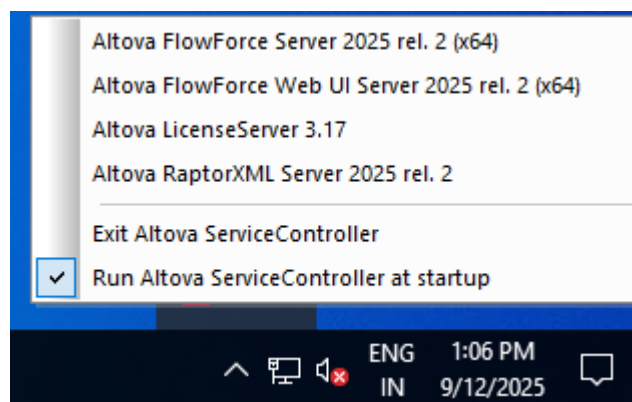
### *Step 2: Download Altova Software*

- Navigate to: <https://www.altova.com/download>
- Download the latest **Altova MissionKitEnt2025rel2\_x64.exe (Enterprise Edition)**.
- Optionally download **Altova MapForce 2025 (Enterprise Edition)**.

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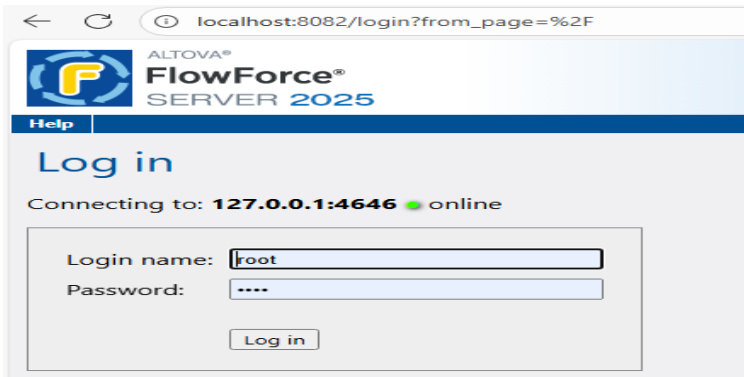
### *Step 3: Install Altova FlowForce Server 2025*

1. Run **AltovaFlowForceServer2025.exe** as **Administrator**.
2. Accept the license agreement → Click **Next**.
3. Choose the installation path (default is recommended) → **Next**.
4. Select **Enterprise Edition**.
5. Enter your license key OR connect to your Altova License Server.
6. Click **Install** and wait for setup to complete.

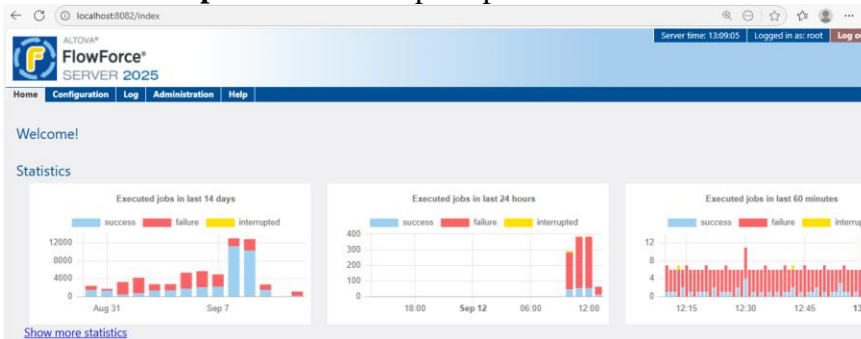


## Step 4: Configure FlowForce Server

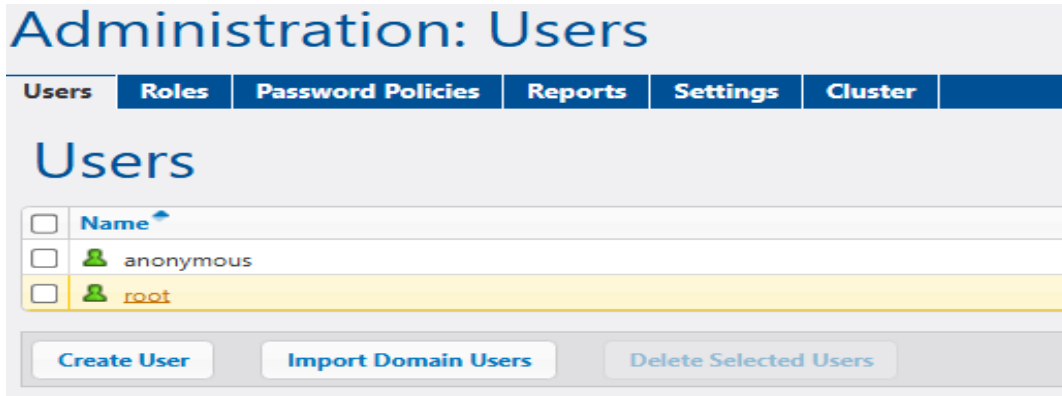
1. Once installation is complete, open the FlowForce Configuration Page.
  - Default URL:
    - `http://localhost:8082 (HTTP)`
    - `https://localhost:8083 (HTTPS)`
2. First login:
  - Username: `root`
  - Password: leave blank



3. Set a new **root** password when prompted.

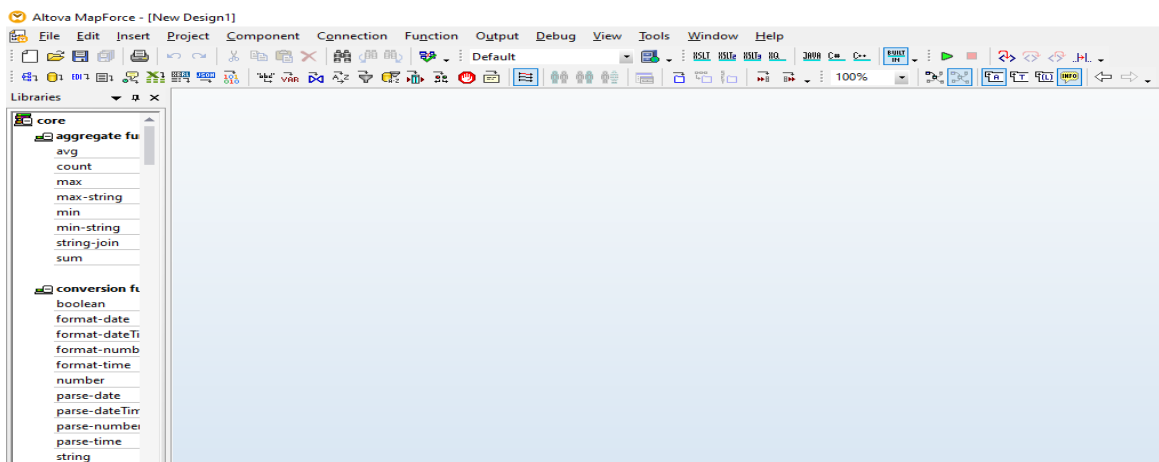


- 4.
5. Navigate to **Administration Tab**:
  - Add new users if required.
  - Configure mail server settings (for notifications).
  - Adjust other system settings as needed.



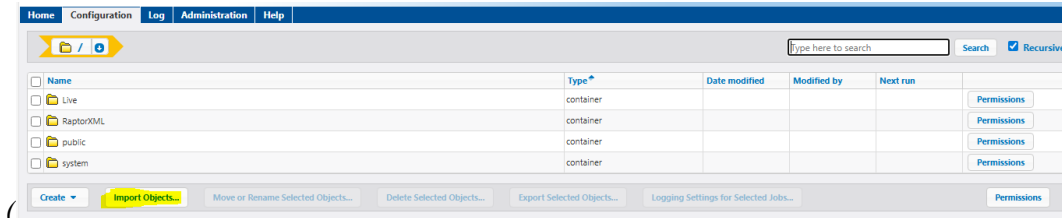
### *Step 5: Install Altova MapForce 2025 (Optional but Recommended)*

1. Run **AltovaMapForce2025.exe** as Administrator.
2. Follow the same installation process as FlowForce.
3. Select Enterprise Edition.
4. Enter license key or connect to License Server.
5. Finish installation.



### *Step 6: Test FlowForce + MapForce Integration*

1. Open MapForce.
2. Create a sample mapping (.mfd file).
3. Deploy the mapping to FlowForce Server:
  - Inside MapForce, click **Deploy to FlowForce Server**.
  - Enter FlowForce login credentials and server path.
4. Verify in FlowForce Web UI that the job is deployed successfully.



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## Step 7: Migrate Jobs from Old System

1. On the old system, export all FlowForce jobs as a **ZIP file**.
2. Copy the ZIP file to the new server.
3. Log into FlowForce Web UI on the new system.
4. Import the ZIP file.
5. Update **FTP/SFTP credentials** and other environment-specific settings.

(Insert Image – Job Import/Export Screen)

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## Post-Installation Validation

- Confirm FlowForce services are running.
- Verify MapForce can deploy mappings successfully.
- Test scheduled jobs and confirm execution logs.
- Validate email notification settings (if configured).

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## Risks & Mitigations

- **Risk:** License not activated.
  - **Mitigation:** Ensure correct license key or access to license server.
- **Risk:** Jobs fail after migration due to environment-specific settings.
  - **Mitigation:** Validate FTP/SFTP, database, and mail configurations.

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## Conclusion

Following this SOP ensures that Altova FlowForce Server and MapForce are properly installed, configured, and validated on the new system. This standard process helps avoid configuration issues and ensures smooth migration of existing workloads.

