

3.5.78

- You can download **SETAF Version 3.5.78** from our website:
[SETAF2018 Downloads | Installation, Reports & DWG Drawings](#)
- Please install **Version 3.5.78**
- You can perform the activation process using the **LicenseManager** software:
[SETAF2018 License Activation | License Manager Guide](#)
- For any installation-related issues, please contact the technical support team.

Note: Before installing this version, if you have an older version installed on your computer (earlier than **3.5.40**), please uninstall it via the **Control Panel**

Fixes

- Issues caused by numerical precision in wall analyses, which led to analysis termination at certain wall top elevations, have been resolved.

3.5.72

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Fixes

- Feedback was received indicating that the result of an equation in the **local footing report** differed from the calculated value. This was due to limiting the group efficiency to **1** in the **Terzaghi Block Method**. To better explain this situation, an additional explanatory line has been added to the report.
- The retaining wall concrete class was always interpreted as **C25**. It can now be modified.

- Reinforcement drawing has been disabled for rigid column foundations of **jet grout**, **deep mixing**, and **concrete pile** types.
- When generating wall drawings, reinforced concrete details of capping beams were not created if there was no anchored wall in the model. This issue has been fixed.
- In the **copy borehole** button, borehole names were not transferred correctly after copying. Although no error was thrown, this caused problems. The issue has been resolved.
- A bug causing the program to close when clicking the **“Check Entire Structure”** button in the wall analysis window has been fixed. The issue was identified as originating from the longitudinal reinforcement check of piles in wall analysis. The control mechanism has been corrected so that the condition **$A_{st} \leq A_{s_required} \leq A_{s_max}$** correctly returns **OK** even when **$A_{st} = A_{s_max}$** .
- In steel pipe–supported diaphragm wall models, an error related to wall level elevations that occurred when using the **“Connection Design”** or **“Check Entire Structure”** buttons in the analysis window has been fixed.
- For the **Vesic method (effective stress analysis)**, an eccentricity section has been added to the local report. In addition, the use of the **effective footing width ($B_{effective}$)** in the third term of the bearing capacity equation has been corrected.

New Features

Terrain Modeling Feature Added

- In SETAF2018, terrain boundaries were previously determined automatically by the program. In addition, terrain input via the screen using the mouse cursor has now been enabled. The **X, Y, Z coordinates** of user-defined terrain contour points can be modified, interior terrain points can be added, and the terrain surface can be defined by modifying borehole X, Y, Z coordinates. In the 3D view, soil layer interfaces are also generated according to the terrain surface.
- Terrain contours, interior terrain points, boreholes, and foundations can be defined within the program using X, Y, Z coordinates, and can also be imported as **DXF** files from AutoCAD and similar drafting software.
- The **3D terrain and soil profile** are automatically divided by the program into borehole influence zones based on borehole locations.

- The terrain surface and corresponding layer interfaces are generated as **mesh objects** using triangulation techniques, and the 3D model is exported as **DWG**. In AutoCAD, cross-sections can be taken from any desired location using the “**Section Line**” command, allowing access to plans and elevations.
- In the **3D Drawing Editor** window, the model can be cut in 3D using a section line defined on the screen, and sections can be generated with front, back, right, and left view directions and provided as **2D drawings**. Plan and perspective drawings are also provided in 2D. All generated 3D and 2D drawings can be exported as **DWG** files.

Model Creation Improvements


- Boreholes can be entered from the main screen using the mouse cursor, and the positions of existing boreholes can be modified.
- Settlement points can be entered from the main screen using the mouse cursor, and the positions of existing points can be modified.
- Rectangular foundations can be entered from the main screen using the mouse cursor. Existing foundations can be converted to polygonal or circular shapes, and their positions can be modified.
- Polygonal foundations can be entered from the main screen using the mouse cursor. Existing foundations can be converted to rectangular or circular shapes, and their positions can be modified.
- Circular foundations can be entered from the main screen using the mouse cursor. Existing foundations can be converted to rectangular or polygonal shapes, and their positions can be modified.
- Soil profiles were previously assigned manually to settlement points. Now, for points within the terrain boundaries, the soil profile of the borehole whose influence zone contains the point is assigned automatically.
- Improvements have been made to **English language support**:
 - The local footing report can be generated in English.
 - English support has been added for many program messages.
- In the **Consolidation data input** section of the Material Properties window, when a material is assigned to a soil layer, the **preconsolidation pressure** value is now calculated automatically, similar to the effective stress value. In this case, the effective stress and preconsolidation pressure fields are set to **read-only**.

Additionally, for these automatic calculations to remain valid when parameters such as **OCR** or **unit weights** are changed, the changes must be confirmed using the **Apply** command.

- **Manual Labeling for Piled Walls:** Previously, piles in piled walls within wall groups were labeled automatically by the program. With this release, a **manual labeling** feature has been added, allowing users to label piles according to their own preferences. This provides a more flexible and controllable labeling process based on project requirements.
- The dynamic calculation feature for **center, area, and perimeter**, previously available only for polygonal foundations, has now been added to **rectangular foundation geometry** as well. During data entry and editing, all geometric values are updated automatically and displayed to the user.
- Improvements have been made to **consolidation settlement–time graphs**. In previous versions, graphs ended when consolidation was completed. With this release, graphs are generated based on the **target time**.

Version 3.5.42 Release Notes

- You can download SETAF Version 3.5.42 from our website:
<https://www.setaf2018.com/i-ndirme>
- Please make sure to install Version 3.5.42.
- You can perform the activation process using the LicenseManager software:
<https://www.setaf2018.com/programactivation>
- For any installation issues, please contact our technical support team.

 **Note:** Before installing this version, if you have an older version (prior to 3.5.40) installed on your computer, please uninstall it via Control Panel.

Fixes

- **DWG Export Error Fixed:** When opening .stf files via double-click, the DWG export process was failing. This issue, which was reported in version 3.5.40, has been resolved. Now, DWG export works correctly even when .stf files are opened by double-clicking.
- **Decimal Separator Compatibility Updated:**
SETAF2018 is designed according to the Turkish culture, where comma (",") is used as the decimal separator. Incompatibility issues encountered on systems using different cultures (e.g., dot ".") have been resolved.

- **Trial Request Fix:** The TrialRequest software was encountering an error when submitting demo requests. This issue, which was reported in version 3.5.40, has been fixed.
- **Input Field Improvements:** Minor improvements were made to certain input boxes in the *Material* window.

Version 3.5.40 Release Notes

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- Please install Version 3.5.40.
- You can perform the activation process using the LicenseManager software:
<https://www.setaf2018.com/programactivation>
- For installation issues, please contact our technical support team.

New Features

- **SETAFAccount Web Application** has been developed. You can now log in to your SETAF account via the web and update information such as username, email address, and billing address. User-specific Userid and Activation Key values are also stored here.
- In **LicenseManager**, activation can now be performed using the SETAFAccount username and password. This eliminates the need to copy and paste the Userid and Activation Key from your email.
- The application can now be launched using either the **OpenGL** or **Direct3D** graphics engines. OpenGL is used by default. You can choose Direct3D from Program Options > Display Settings > Render Settings. After changing the selection, restart the program to apply the change. This feature can help resolve compatibility issues on some older graphics cards.
 - **OpenGL (Default):** A widely used and compatible graphics engine that works well across different machines.
 - **Direct3D (Alternative):** Developed by Microsoft and may perform more stably on Windows systems. It may reduce incompatibilities on older graphics cards.
- **Multi-User Installation and Licensing System Compatible with Both Administrators and Standard Users**
 - **Changed Folder Structure and Installation Path:** SETAF2018 is now installed into a user-specific folder (AppData).

This allows users to install the program without administrator privileges. There is no need to request a password from your system administrator.

- **Multi-User Support (on the Same Computer – Especially for Server Environments):** Multiple users on the same computer (e.g., in corporate or terminal server environments) can install and run the program independently in their own sessions. Since each user runs the program from their own folder, uninstalling it by one user does not affect others.
- **Licensing Now Tied to Windows User Account:** The license is now associated not only with the device but also with the Windows user account on that device. Therefore, if different users on the same machine want to use SETAF2018, a separate license may be required for each. A single license can be active on up to two users/devices. If this limit is exceeded, a new license must be obtained.
- **Installation Does Not Require Administrator Privileges:** SETAF2018 can be installed without admin rights; the system does not request any approval during setup. This is especially advantageous in corporate environments where users have limited privileges.
- **Uninstall Only Affects the Current User:** Uninstalling the program only removes it for the current Windows user. Installations for other users on the same device remain unaffected. This protects data integrity in shared environments.
- **Support for Launching with STF Files:** Starting with this version, double-clicking a .stf project file automatically launches SETAF2018 and opens the selected file. This allows users to quickly and conveniently open their projects directly from Windows Explorer.
- **SETAF2018 Can Now Be Launched Multiple Times Simultaneously:** With this version, multiple instances of SETAF2018 can be opened at the same time. Users can now open different .stf files in separate windows and work in parallel. This feature is especially useful for users managing multiple projects.

Fixes

- Fixed an error that occurred when generating general reports for foundation models with multiple rectangular geometries.
- Improved the texts in the DSM local report and corrected several typos.
- Improved the texts in the anchor local report and corrected several typos.
- Fixed errors that occurred in the load input tab of the Foundation Properties window when commas were left in the data fields.
- Resolved an issue where, in some cases, an error message stating "Layer elevations are inconsistent" appeared in the soil profile and the file would get corrupted.
- Fixed a startup error that occurred when the system's decimal separator was set to a dot. This issue was observed and reported after version 3.5 releases.

- Fixed errors that occurred when the data fields in the **Material Properties > Physical Properties** tab were left blank and the Calculate buttons were clicked.

SETAF Version 3.5.33 Release Notes

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<https://www.setaf2018.com/i-ndirme>
- Please install Version 3.5.33 on your system.
- You can activate the software using the LicenseManager application:
https://www.setaf2018.com/files/ugd/ef4295_8b33fda4a5c74a248fa68b0cdef82d5f.pdf?index=true
- For any installation-related issues, please contact our technical support team.

New Features

- English language support has been added to the **Bearing Capacity Report (PDF)** and **DSM Material Calculation Report**.
- Improvements have been made to numeric input fields for better handling of decimal numbers.
- The update message shown during new version releases has been enhanced. Now, by clicking the "**Download and Install**" button, the new version is downloaded, the currently running application is automatically closed, and the installation begins.
If the installation does not complete for any reason, the setup file can be accessed manually from the **Downloads** folder.
This feature has been available since version 3.5.23.

Fixes

- Fixes have been applied for **graphical interface issues** observed on certain machines starting with version 3.5.23.
The issue is expected to be resolved in this version.
- A rendering infrastructure issue that occurred while loading the cross-section form has been resolved.
- A default usage error in the analysis form triggered by the timer has been fixed.

- Error handling for **planar surface generation** has been improved, with added context to error messages.
- Issues caused by the comma (",") character in certain numeric fields have been prevented.
- **Error handling has been enhanced.** Users now receive clearer feedback when something goes wrong, and the system takes internal measures to maintain application stability.
- Errors that may occur during slope surface generation or analysis are now handled safely, allowing the application to recover gracefully.
- An error in the consolidation test where certain objects were undefined has been corrected.
- During wall analysis reporting, if a document is already being generated, users are now notified and the process is prevented from failing.
- Errors caused by empty inputs in soil parameter fields have been fixed. The application now continues to operate safely even if incomplete data is provided.

Version 3.5.23 Release Notes

- You can download SETAF Version 3.5.23 from our website:
<https://www.setaf2018.com/i-ndirme>
- Please proceed with the installation of Version 3.5.23.
- Activation can be completed using the LicenseManager software:
https://www.setaf2018.com/files/ugd/ef4295_8b33fda4a5c74a248fa68b0cd_ef82d5f.pdf?index=true
- For installation issues, please contact technical support.

New Features

- The software infrastructure has been updated. With this improvement, the program now runs more stably, and opening and processing times have been significantly accelerated. This results in a smoother experience, especially for large projects.
- The general report structure has been redesigned. Table-based reports are now generated faster, and an automatic "Table of Contents" section is included, making it easier for users to navigate and find the information they need.
- A local PDF report showing detailed calculation steps for foundations has been developed. This report provides users with clear insight into the performed analyses, supporting more transparent project documentation.

- A new module named **SupportCenter** has been added to improve communication with the technical support team. This module is accessible directly within **SETAF2018**. Users can easily send support messages and relevant files, enabling faster and more effective support processes.
- A new feature has been added to the **LicenseManager** software. Users can now view their registered machines and reset them when needed, allowing more flexible and user-friendly license management.
- Extensive English language support has been added to the program interface and reports. Users can now operate the software and generate reports predominantly in English.

Fixes

- In multi-block projects with interactive foundation analysis, a previously ignored rigid column system beneath the foundations has now been properly accounted for in settlement calculations.
- An issue in the slope analysis window that caused an error when generating a report without applying optimization filtering has been resolved.
- Improvements were made to the calculation of the bearing capacity factor under inclined loads in the Vesic method, providing more accurate results under different horizontal load conditions.
- Errors that occurred when layer thickness was entered incorrectly or left blank have been fixed.
- Occasional timing-related loading issues in certain windows have been prevented, improving interface stability.
- A problem with calculating the foundation centroid in a specific file has been fixed by replacing the underlying algorithm.
- A formatting issue in the header section of the local foundation report, caused by a special character, has been resolved.
- Rare interface errors that occurred during wall analysis, especially while processing cloud-based operations, have been addressed.
- A bug that could occur while generating slope analysis reports in specific scenarios has been fixed.
- Errors occurring after changing the slice width in the slope analysis module and attempting to generate a report have been corrected.
- A validation issue related to wall level selections has been resolved.
- Parameters used in slip surface creation are now validated to prevent calculation errors.
- A bug that occurred due to highly irregular geometries or invalid values in slope analysis has been eliminated.
- Issues caused by non-numeric or incorrectly formatted text inputs have been fixed.

- An error that occurred while generating the liquefaction report for improved foundations has been resolved.