

Advanced Tracker Technologies Inc.

Calculation Diagnostic Mode

Overview

Versions of Employee Tracker released starting in 2009 contain a policy which aims to arm the user with more advanced tools to diagnose where and why certain calculations or distributions occur. Using this knowledge may lead to required alterations of certain setup components to get things working as expected.

Activation

In order to use the Calculation Diagnostic Mode it must first be enabled, as the extra effort involved in recording the various changes during the calculation cycle would incur a rather larger increase in the time required to complete calculations. For this purpose, the policy should only be enabled when needed, results observed, and then the policy should be disabled.

Further, to ensure the diagnostics are clear, any record posting applications (for example, All The Goodies or Shop Retrieval) should be closed down for the duration of the test, and only 1 computer should be using Employee Tracker.

To enable the policy, log into Employee Tracker as MASTER and follow the menu *Utilities->Policies*. On the left side, click the 'Calculation' category and locate the policy titled **Calculation Diagnostic Mode**. Ensure the Active checkbox is checked to activate. There are no further setup steps needed. The calculations in question can now be performed and the results observed.

Results

Once the calculation is complete, you can double click on the **System Notes** column in the Edit Time and Attendance screen to see what happened. The bottom note will be what occurred first, and the top one the last thing to be recorded.

Highlight the rows and click the [View] button. You will now see the module where the changes occurred, and the Previous and New values of any changed fields. Using this information one should be able to discern why, for example, somebody had their worked time allocated into the Time and a Half column or why the rate for a transaction is not what was expected.

The results are only stored for the last calculation process to ensure the database does not get too large.