



## Changelog

Further information can be found on the [GasTurb website](#), updates and manuals are available in the [Download section](#).

### GasTurb 15

#### Update 2 - 24.07.2025

- **Improved Parametric Study Result Plots:** Resolved an issue where non-converged points were incorrectly displayed in two-dimensional parametric studies during off-design calculations.
- **Refined Cathode Mass Flow Calculation for Fuel Cell Configuration:** Updated the oxygen mass ratio in air to improve the accuracy of cathode air mass flow calculations.
- **Minor Bug Fixes and Performance Enhancements:** General improvements and optimizations for better software stability and performance.

#### Update 1 - 03.07.2025

- **Fixed Floating License Issue:** Previously, expired local licenses (such as the initial 14-day trial provided during installation) prevented access to a valid network (floating) license. This issue has been resolved.
- **Corrected GasTurb 15 PDF Manual:** Fixed an issue where certain equations were missing or incorrectly displayed in some PDF viewers.
- **Enhanced Convergence for Electric Propeller with Fuel Cell Configuration:** Improved numerical stability when significantly increasing system output power. Previously, condensation calculations could fail to converge under these conditions. Now, optimized iteration boundaries ensure robust convergence.
- **Resolved Mission Input and Output Window Issues:** Corrected the ordering of input parameters for electric systems and fixed missing result outputs for gas turbine analyses.

- **Minor Bug Fixes and Performance Enhancements:** General improvements and optimizations for better software stability and performance.

## **Initial Release - 12.06.2025**

- **Initial Release of GasTurb 15**
- For a summary of new features, see the [GasTurb 15 – Feature Overview \(PDF\)](#).
- For a comprehensive description, refer to the *What's New in GasTurb 15* chapter in the [GasTurb 15 Manual \(PDF\)](#).