1985 FAST v 16 : First version released - Detailed in Fire Safety Journal

1986 FAST 18.1 - Include mechanical ventilation (fan and duct system), multilayered walls for heat conduction, incorporate convective and radiative boundary conditions for both inside and outside surfaces.

1989 FAST 18.3/ Hazard I version 1.0 - This is an implementation of a complete hazard assessment methodology, accompanied by the software (FAST, Exitt Detac-QS and Tenab) to do the calculations. Incorporate external wind and the stack effect; the ambient conditions for the inside and outside are specified independently.

June, 1990 - CFAST 1.0
Restructured FAST to incorporate the “lessons learned” from the CCFM development, namely that modification is easier if the components such as the physical routines are separated from the solver, etc. Included species deposition to wall surfaces.

1992 Last version of FAST 18.5 /Hazard I version 1.1 - Included mechanical ventilation, and multiple fires - still limited to six compartments because of the use of the real memory by FAST. Three way HVAC joints.

1994 CFAST 2.0.1/Hazard 1.2 - consolidated calculation of hazardous conditions - (exitt and tenab combined) into Survival. The documentation for doing hazard calculations was improved based on the actual use of Hazard I over the prior 5 years. Improved rules for vertical convective flow.

1995 CFAST version 3.0 - include vertical flame spread algorithm, ceiling jets and nonuniform heat loss to the ceiling, spot targets and heating and burning of multiple objects (ignition by flux, temperature or time) in addition to multiple specified fires. The radiation algorithm was improved significantly to include 10 walls (ceiling, floor, and two surfaces for each additional wall) plus the fires and targets, including grey gas absorption.

1996 3.1 This release included smoke and heat detectors, suppression through heat release knockdown, and better selection rules for flow through doors and windows. Add vertical heat conduction through ceiling/floor boundaries.

1997 3.1.1 - Corridor flow algorithm, vertical heat transfer through ceiling/floor conduction, non-rectangular compartments, blackbody calculations. Model extended to 60 compartments.

2000 4.0.1 Converted to Windows Application. Added horizontal heat conduction through walls, and horizontal smoke flow in corridors.

2004 5.1.1 - Final release of 5 series; improved combustion chemistry.