SOFTWARE

PHAST

Phast and Phast Lite:
Comparison of product functionality

This document highlights the key differences in modelling capabilities between Phast and Phast Lite.

FEATURE / CAPABILITIES	Phast	Phast Lite
Insert equipment (pressure vessel and atmospheric storage)	✓	✓
Insert scenario (leak, fixed duration release, catastrophic rupture, line rupture, disc rupture and relief valve)	✓	✓
TNT explosion	✓	✓
Baker Strehlow Tang explosion	✓	
TNO multi-energy explosion	✓	
Insert user defined source model	✓	
Insert stand-alone models	✓	
Tabular data entry	✓	
Time-varying discharge	✓	
Pool vaporisation or spill	✓	
Materials admin tool (62 standard components, plus 1600+ from DIPPR)	✓	✓
Parameters admin tool	✓	
Access to parameters from within the program	✓	
Spreadsheet study import and export	✓	
Import or export of studies or sections of studies	✓	
Chart wizard	✓	
Extendable to multi-component modelling or 3D Explosion modelling	✓	
GIS map	✓	✓
Open Phast studies	✓	
Data grid	✓	
Building wake model	✓	