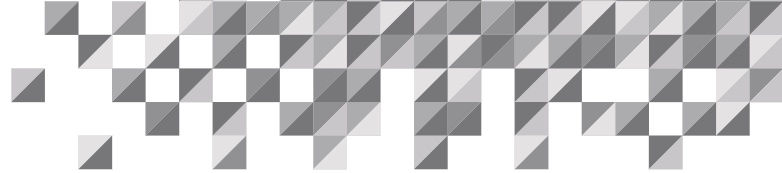# PHAGlobal® Important User Features

An analysis of the features available in Process Safety Office® PHAGlobal® software and users needs are listed below. The first column highlights users' most needed functionality when conducting PHAs or DHAs. The second column highlights the current version capabilities of PHAGlobal® along with upcoming version enhancements. With PHAGlobal® you can ensure a more comprehensive overview in less time than other leading software. Ask for a demo today.

No.	User Requirements	PHAGlobal® Capabilities
1	Ability to use different PHA techniques such as: HAZOP, What-if?, and Checklist.	Pre-populated templates within PHAGlobal® include HAZOP, What-if?, and Checklist, in addition to Combustible Hazards Checklists, FMEA, and LOPA techniques.
2	Customizable pre-formatted templates (worksheets).	PHAGlobal® provides customizable pre-formatted templates (worksheets).
3	Ability to link HAZOP and LOPA templates.	PHAGlobal® has the capability to link HAZOP and LOPA templates.
4	Attach technical drawings, sketches, and images to the worksheet.	Sketches, drawings, and images can easily be added as an Appendix to a report in PHAGlobal®.
5	Create and export custom reports in Word, PDF and HTML format.	PHAGlobal® generates fully formatted studies in PDF and Word** formats, and the user can select which sections to include in their report.
6	Import certain file formats.	PHAGlobal® supports importing comma-separated files (CSV).
7	Drag and drop (copy/move) data.	PHAGlobal® supports drag and drop (copy/move) data functionality.
8	Record PHA team members, sessions, and attendance.	PHAGlobal® records PHA team members, sessions, and attendance.
9	Advanced search capability throughout worksheets.	PHAGlobal® supports advanced searching throughout worksheets.
10	Create and apply risk rankings (Risk Matrices).	PHAGlobal® creates and applies risk rankings, and risk matrices are customizable based on your risk ranking.
11	Assign color coding to cells in risk matrix indicating risk level.	PHAGlobal® provides color-coding assignments to cells to help identify the risk level.
12	Editing functions are available such as 'undo' and 'redo' capabilities.	PHAGlobal® has these capabilities and also a spell check engine available in English, Spanish, and Portuguese.
13	Conduct PHA and DHA studies using flexible and customizable templates.	PHAGlobal® provides flexible and customizable templates which can be easily shared with other users*.

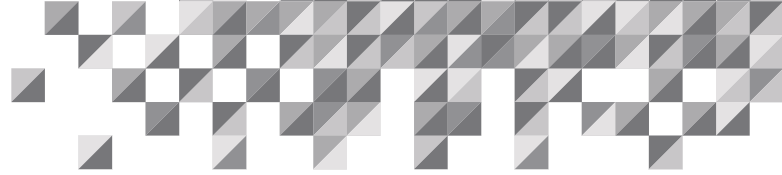*View more features on the next page...*

No.	User Requirements	PHAGlobal® Capabilities
14	A consistent framework to improve the quality of studies.	PHAGlobal® pre-populated templates are designed to provide a consistent framework and approach for your PHA or DHA study.
15	Viewer capability to view PHA/DHA record but not be able to change a PHA/DHA record.	PHAGlobal® exports the study to an Excel format with password protection for 'viewing only' capability.
16	Software is designed by and with consultants/ users in mind to be able to use the software as you would when facilitating PHA/DHA studies.	PHAGlobal® is used daily by our staff of consultants who have led numerous PHA studies. Our consultants agree that PHAGlobal® is by far the best tool to use when conducting a PHA/ DHA study. It is extremely user-friendly and does much more than the typical PHA tool.
17	PHA software needs to be supportive of a worldwide user base to conduct and record PHA/ DHA studies.	We are proud to share that PHAGlobal® has an extended, global user base that has been using our software for over 20 years.
18	Software support needs to be readily available to the user.	As an ISO 9001 certified company, we take immense pride in our excellent customer service and software support system.
19	Have templates available in languages other than English.	Pre-populated templates are available in English, Spanish, and Portuguese. More languages will be available soon.
20	Copy data between projects.	This feature is available in PHAGlobal®, as well as the ability to copy data within the same project file.
21	Customize accelerators for commonly used tasks.	This feature is available in PHAGlobal®, along with templates that can be customized by you to meet specific needs.
22	Ability to manage the follow-up of the recommendations.	Tracking the status of recommendations and/or action items is possible using PHAGlobal®****.
23	BowTie visualization.	Estimating frequencies using FTA methodology and performing BowTie analysis is available in PHAGlobal® via ioLogic™***.
24	Additional feature(s) not available with any other software.	For a unit conversion or calculation, it is possible to write the necessary formulae in any cell of a sheet, similar to Microsoft Excel®.

* Web-based platform available in version 11.3 and above
** Feature available in version 11.2 and above
*** Feature available in version 11.4 and above
*** Requires a separate Process Safety Enterprise® License

About ioMosaic Corporation

Through innovation and dedication to continual improvement, ioMosaic has become a leading provider of integrated process safety and risk management solutions. ioMosaic has expertise in a wide variety of areas, including pressure relief systems design, process safety management, expert litigation support, laboratory services, training and software development.

ioMosaic offers integrated process safety and risk management services to help you manage and reduce episodic risk. Because when safety, efficiency, and compliance are improved, you can sleep better at night. Our extensive expertise allows us the flexibility, resources, and capabilities to determine what you need to reduce and manage episodic risk, maintain compliance, and prevent injuries and catastrophic incidents.

Our mission is to help you protect your people, plant, stakeholder value, and our planet.

Overview of most services / products we provide:

- Asset integrity
- Auditing
- Chemical reactivity management
- Combustible dust hazard analysis (DHA) and testing
- Due diligence support
- Effluent handling design
- Facility siting
- Fire and explosion dynamics
- Incident investigation, litigation support, and expert witness
- Liquefied natural gas (LNG) safety
- Pipeline safety
- Pressure relief and flare system design

- Process engineering design and support
- Process hazard analysis (PHA)
- Process safety management (PSM)
- Quantitative risk assessment (QRA)
- Risk management program development
- Software solutions
    — Process Safety Enterprise®
    — Process Safety Learning®
    — Process Safety Office®
    — Process Safety Project Opportunity Marketplace (PSPOM™)
    — Process Safety tv®
- Structural dynamics
- Training (open enrollment, online, and customized)

For more information on ioMosaic, please visit: **www.ioMosaic.com**