

PRODUCT BULLETIN

MAY 2014

TRIMBLE CHANNEL PARTNER CONFIDENTIAL

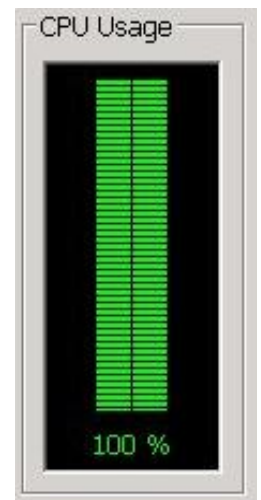
ANNOUNCING INPHO 5.7 FOR ALL MODULES

**New major releases for photogrammetric office software from Trimble:
This announcement includes UASMaster 5.7 and SCOP++ 5.5.3 Patch update.**

Utilize the maximum computational power of modern workstations to reduce processing time for faster point clouds

The trend of quickly growing volumes of data requires software that is ready for extensive automatic processing capability. Trimble Inpho office software is dedicated to offer maximum productivity for users with improved data processing for each deliverable. The new version 5.7 release

- Now supports up to **16 CPU-cores per license** throughout the complete inpho suite. More is available through additional “distributed processing” licenses.
- Includes new algorithms for MATCH-T DSM and the point cloud generation in UASMaster. This results in up to **four times faster point cloud generation**.
- Allows **quicker re-processing** of critical data. In UASMaster, more temporary data is stored for later access if a project needs refinement. Instead of re-generating all data, the software can now access temporary stored files in order to save considerable amount of time.
- Offers a **new point cloud viewer technology** in DTMaster and UASMaster, providing access to hundreds of millions of RGB-colored points for seamless and smooth visualization of huge 3D data.
- Now officially supports **projects up to 6000 images** in UASMaster compared to a limitation of 2000 images previously.



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<http://surveypartners.trimble.com> <http://mgispartners.trimble.com> www.trimble.com (remove non-applicable)

Improved visualization, navigation and editing of projects

Inpho v5.7 includes a new 3D point cloud viewer to easily process and handle huge volumes of data. Hundreds of millions of colored points can smoothly be visualized. This reduces the need for extra tiling-steps and simplifies the whole photogrammetric workflow for visualization and editing. It enables Photogrammetrists to have the whole dataset at hand without the need to re-load each tile.

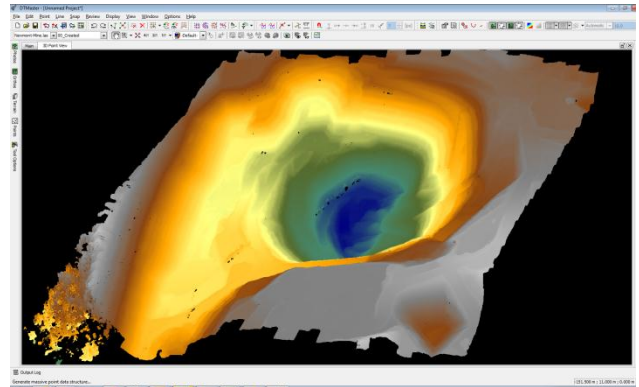


Table 1 Feature and Benefit Overview Matrix Inpho version 5.7

Inpho Module	Feature Set	Functionality	Benefit
All Modules	Performance	Support for up to 16 CPU-cores per license	<ul style="list-style-type: none"> Automatic processes up to twice as fast (Depending on data access). Finish urgent projects earlier.
	Precision	Refined math-model	<ul style="list-style-type: none"> Overall more precise results for projects that require highest accuracy.
MATCH-T DSM	Performance	Refined strategy and matching technique for point cloud matching	<ul style="list-style-type: none"> Save up to 75% of computation time. Eliminates time consuming bottle-neck of an automatic photogrammetric project workflow . Delivers results faster while maintaining the same quality.
	Usability	Additional parameter flexibility	<ul style="list-style-type: none"> Fulfills user requirement to provide access to important additional parameter settings. More control defining the quality of deliverables over computational time. Gets the desired precision of deliverables at the desired time.
DTMaster	Performance	New point cloud viewer technology	<ul style="list-style-type: none"> Smoothly visualize hundreds of millions of colored points. Eliminates extra tiling-steps. Simplifies the whole workflow for visualization and editing. Whole dataset always at hand. Easily navigates through huge volumes of point-cloud data without the need to re-load tile by tile. More reliable inspection, better overview and workflow.

	Usability	Refined workflows	<ul style="list-style-type: none"> • Simplified revised editing workflows. • Convenient and simple editing. • Higher productivity for interactive steps.
UASMaster	Performance	Refined strategy and matching technique for point cloud matching	<ul style="list-style-type: none"> • Saves up to 75% of computation time. • Removes time consuming bottle-neck of an automatic photogrammetric project workflow. • Delivers results faster while maintaining the same excellent quality.
		Quicker re-processing	<ul style="list-style-type: none"> • Faster results for precision refinement runs. • Processing parameter variations. • Saves additional critical temporary data to be re-used for further processing.
		Support for up to 6000 images per project	<ul style="list-style-type: none"> • Fulfills growing demands for UAV projects. • Covers larger areas in one project. • Processes larger number of UAS-acquired images.
		New point cloud viewer technology	<ul style="list-style-type: none"> • Smoothly visualize hundreds of millions of colorized points. • Eliminates extra tiling-steps. • Simplifies the whole workflow for visualization and editing. • Whole dataset always at hand. • Easily navigates through huge volumes of point-cloud data without the need to re-load tile by tile. • More reliable inspection, better overview and workflow.

The Inpho photogrammetry development team offers regular patch updates and maintenance releases to guarantee reliable processing. The version 5.7 release provides bug fixes and features following recent market requirements. Users of Inpho 5.6.x are recommended to install the latest patch to benefit from constant improvements.

For more information on any fixes provided in the current releases, check the release-notes provided in the download area: www.trimble.com/imaging/downloads

How to get Inpho 5.7

Inpho photogrammetry software can be downloaded from <http://www.trimble.com/imaging/downloads>.

Users with a valid license of Inpho 5.6.x will not require a new license. No prices or product numbers will be changed. Price lists as of February 2014 will still be valid.

SCOP++ 5.5.3 Maintenance Patch



SCOP++ 5.5.3 maintenance patch provides important fixes and also provides a new LAS 1.4 importer. We highly recommended installing the new patch.

For a detailed description on fixes, please check the release-notes in the download area: <http://www.trimble.com/imaging/downloads>

Further Announcements

Implementation of a new release cycle

Trimble is changing the release cycle for its photogrammetric software offering from a 1 year cycle to a ½ year cycle.



Releases will be structured as follows:

- Main release: once a year with new features – requires a license update.
- Major release: once between main releases, including smaller features and customer requests – does not require a license update.
- Maintenance patch: 1-2 times per major release including bug fixes, only – does not require a license update.
- Hotfix: for critical issues not being solvable with a workaround – if necessary.

New online classroom trainings available

Trimble now offers two new online classroom trainings for UASMaster as an alternative to face-to-face trainings offered in Stuttgart/Germany or at the customer site:



- **Online Classroom (PN: IW-9000081-XX)**
The web-based trainer-led course is a cost effective option. This classroom training is non-exclusive but can include participants from different companies. The course is split into 4 sessions, 2h per day and is led by the inpho support team. The classroom trainings are offered on fixed training days once every 6 weeks, separate for Americas/Africa/Europe and APAC/Africa/Europe.
- **Online Advanced (PN: IW-9010081-XX)**
The online advanced training is a follow-up course to the online classroom training (pre-requisite). Topics to be discussed are depending on participants request and provided data. The online advanced training is a one-to-one training session.

For registered dealers the online classroom training is free of charge.

Additionally self-study online trainings are available on the Trimble Learning Center (<http://www.trimblelms.com>) 24 hours, 7 days a week. Self-Study online trainings are currently available for OrthoVista and OrthoMaster.

Further information can be found in the trainings catalogue, available soon on the Trimble partners download area.

Changes to the Inpho portfolio

End-of-Life DTMaster Mono

Trimble announces the end of life for DTMaster Mono. **DTMaster Mono** will be removed from the Inpho prices sheets effective immediately and no longer available for sale. DTMaster Mono customers are strongly encouraged to migrate to DTMaster Stereo.

Users with a valid maintenance contract will be upgraded to DTMaster Stereo. DTMaster Mono maintenance renewals will no longer be offered. Thus, to still benefit from free update service and customer support, users will be offered to migrate to a DTMaster Stereo maintenance contract.

Be aware that DTMaster Stereo users in future will also benefit from the included DTMExtension functionality like automatic contouring, quick filtering/classification and automatic gap filling.

End of Windows xp support

In response to Microsoft's plan to end support for Windows XP in April 2014, Trimble announces the end of Windows XP Support for version Inpho 5.7. This is the last release that supports Windows XP operating systems.

For more information regarding the end of support for Microsoft Windows XP, please visit [Microsoft's life cycle policy](#) webpage.