



VisualSpreadsheet 6.1 Overview

For VisualSpreadsheet 4 Users



VisualSpreadsheet 6.1 represents a significant leap forward in FlowCam software, offering enhanced data analysis tools, user interface customization, EcoTaxa compatibility, and a next-generation compliance package. Full compatibility with VisualSpreadsheet 4 data makes it easy to upgrade by allowing you to bring your existing runs, filters, libraries, and classifications into a modernized, feature-rich environment.

What's New in VisualSpreadsheet 6.1?

VisualSpreadsheet 6.1 introduces powerful new features designed to enhance productivity, compliance, and data accessibility across all application areas. Here are the key highlights:

- **All Applications | Smarter Data Management with Metadata Tagging**

Organize and retrieve FlowCam data faster with metadata tags that capture essential details about sample origin, collection, processing, and experimental conditions. Tags are fully searchable, making it easier than ever to manage large datasets and streamline workflows.

- **Biopharma | Advanced Data Integrity with the Compliance Package**

Customize roles, access permissions, and password policies to meet your organization's workflow and data integrity needs with a fully integrated 21 CFR Part 11 compliance package. Record detailed information about how each measurement was collected in a thorough, highly-searchable audit trail. Generate secure data archive files to facilitate the long-term storage and retrieval of FlowCam data, ensuring sufficient storage for new data.

Learn more in our white paper, [Ensuring 21 CFR Part 11 Compliance with FlowCam](#).

- **Aquatics | Collaborative Plankton Analysis with the EcoTaxa Export Tool**

Export images and metadata in EcoTaxa-compatible formats, which is ideal for users without raw camera images or R-script experience.

[Read our technical note, Using VisualSpreadsheet to Create Metadata Tags & Export Data to EcoTaxa.](#)



How Does VisualSpreadsheet 6.1 compare with VisualSpreadsheet 4?

VisualSpreadsheet	6.1	4
Metadata Tagging	Searchable metadata tagging for better organization and faster data retrieval	Manual notes associated with individual runs
Compliance Package	Integrated 21 CFR Part 11 compliance package with: • Customizable user permission system • Detailed, searchable audit trail • Secure, encrypted archive files	Requires Secure Desktop for 21 CFR Part 11: • No customization of user roles or access • Basic audit trail • No archive files
EcoTaxa Compatibility	Export images and metadata in EcoTaxa-compatible formats	Not available
User Interface	Fully customizable workspace layout	Fixed layout with limited customization
Data Analysis	• Multi-run analysis (up to 10 runs) • Create datasets of up to 10 runs for simultaneous filtering and classification	• Single-run analysis • Single-run filtering and classification
Data Storage	Secure and searchable local database	Folder-based storage
Data Sharing	Export/import multiple runs as a single file	Export/import individual runs in separate folders
Image Export	Automated export of individual particle images (TIFF/PNG) to a chosen location	Manual export of select particles as collage files
View Window	Scrollable image viewer	Click through, page-by-page image browsing
Filter Analysis	Full particle property statistics per filter bin	Count and particles/mL per filter bin

VisualSpreadsheet 6.1 delivers a robust suite of new features designed to enhance data analysis, streamline workflows, and support regulatory compliance. Fully compatible with the FlowCam 8000 Series, FlowCam LO, ALH for FlowCam, FlowCam Nano, FlowCam Macro, and FlowCam 5000 instruments, this release introduces advanced tools for data analysis, 21 CFR Part 11 compliance, and EcoTaxa compatibility.

Ready to learn more?

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