

VisualSpreadsheet 6

Release Notes



Compatibility

VisualSpreadsheet 6 is compatible with FlowCam 8000 series, FlowCam Nano, FlowCam LO, FlowCam Macro, and FlowCam 5000.

Version 6.00.04.304

Enhancements and Bug Fixes

- Fixed a 21CFR login check that was blocking continuation of ALH assays when raw camera files were being saved: VS-3158
- Minor bug fixes and dialog changes: VS-3139 and VS-3167

Version 6.00.04.300

Enhancements and Bug Fixes

- Graph and pdf display fixes: VS-2975, VS-3016, VS-3053, VS-3061, VS-3067, VS-3074, VS-3088, VS-3089, VS-3090, VS-3105, VS-3108, VS-3114
- Software updates to support hardware improvements: VS-3070, VS-3071, VS-3106
- Miscellaneous minor bug fixes (issue numbers listed): VS-2990, VS-3009, VS-3064, VS-3065, VS-3066, VS-3076, VS-3082, VS-3083, VS-3085, VS-3086, VS-3087, VS-3097, VS-3098, VS-3099, VS-3101, VS-3104, VS-3112, VS-3115, VS-3116, VS-3128, VS-3136, VS-3141

Version 6.00.03.270

New Features

- User customizable priming flow rate and priming volume: VS-1006

Enhancements and Bug Fixes

- Add TIFF format option for image export: VS-2735
- Add manual prime option for AutoFocus procedure: VS-2932
- 21CFR logging improvements: VS-2968, VS-3001, VS-3023, VS-3024, VS-3027, VS-3029, VS-3030, VS-3031, VS-3032, VS-3033, VS-3034, VS-3035, VS-3038, VS-3052
- Miscellaneous minor bug fixes (issue numbers listed): VS-1628, VS-2279, VS-2408, VS-2627, VS-2669, VS-2673, VS-2674, VS-2731, VS-2775, VS-2776, VS-2779, VS-2792, VS-2805, VS-2831, VS-2843, VS-2865, VS-2866, VS-2882, VS-2890, VS-2891, VS-2894, VS-2906, VS-2914, VS-2930, VS-

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2931, VS-2932, VS-2937, VS-2944, VS-2957, VS-2960, VS-2962, VS-2963, VS-2965, VS-2967, VS-2987, VS-2988, VS-2991, VS-2997, VS-2998, VS-3005, VS-3006, VS-3007, VS-3008, VS-3010, VS-3011, VS-3012, VS-3018, VS-3020, VS-3023, VS-3025, VS-3026, VS-3027, VS-3028, VS-3031, VS-3042, VS-3045, VS-3057, VS-3058, VS-3060, VS-3062, VS-3063, VS-3069

Version 6.00.02.167

Enhancements and Bug Fixes

- Minor bug fix related to fluid position sensor and machine priming: VS-2996

Version 6.00.02.165

Enhancements and Bug Fixes

- Minor bug fixes (issue numbers listed): VS-2964, VS-2980, VS-2985

Version 6.0.2.153

New Features

- Updated data management routines to minimize extraneous database read/write activity during data processing, screen/table updates, and significantly improve overall processing speeds.
- Individual images can be exported from runs. Images can be exported as PNG or TIFF file format. (VS-2623)

Enhancements and Bug Fixes

- Removed outdated flow cell information. (VS-2879)
- Time Series Graph now reflects run capture time not database capture time
- Miscellaneous minor bug fixes (issue numbers listed): VS-2943, VS-2940, VS-2936, VS-2946, VS-2941, VS-2942, VS-2939, VS-2918, VS-2623, VS-2935, VS-2933, VS-2945, VS-2878, VS-2922, VS-2938, VS-2919, VS-2898, VS-2925, VS-2926, VS-2929, VS-2923, VS-2756, VS-2921, VS-2927, VS-2809, VS-2928, VS-2917, VS-2954, VS-2953, VS-2952, VS-2951, VS-2950, VS-2955 VS-2956

Version 6.0.01.103

Enhancements and Bug Fixes

- Miscellaneous minor bug fixes (issue numbers listed): VS-2800, VS-2848

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Version 6.0.0.9

New Features

- Initial release of VisualSpreadsheet® 6
- VisualSpreadsheet 6 is compatible with VisualAI™. VisualAI is a pre-trained, AI-driven image analysis module that recognizes images of biopharmaceutical aggregates captured on any FlowCam 8100 or FlowCam LO instrument. VisualAI can be installed as an add-on module in the satellite version of VisualSpreadsheet 6.
- Factory-provided context files are now read-only. These files can be modified and saved under a new file name. (VS-2795)

Enhancements and Bug Fixes

- The color schema for overlaying data has been updated to improve visibility. (VS-2825)
- The MariaDB Server has been updated to version 10.6 to improve stability. (VS-2304)
- Miscellaneous minor bug fixes (issue numbers listed): VS-2826, VS-2764, VS-VS-2804, VS2784, VS-2790, VS-2765, VS-2767, VS-2732, VS-2654, VS-2700, VS-2836, VS-2838, VS-2839.

Compliance

- VisualSpreadsheet 6 offers an optional 21 CFR Part 11 compliance package.

Release History

- Version 6.0.4.300 June 27, 2023
- Version 6.0.3.270 April 6, 2023
- Version 6.0.2.165 January 6, 2023
- Version 6.0.2.153 October 28, 2022
- Version 6.0.01.103 July 13, 2022
- Version 6.0.0.99 July 7, 2022
- Version 6.0.0.90 June 29, 2022