

History of Changes for Wadiso

	2024/11/30	Public Release (Installer Version 6_2024_11_30)
I	Improvement	Option with single Vlookup for delimited values in from comparison field
I	Improvement	Zip format GIS lock file message
I	Improvement	Performance on removal of orphaned time simulation rules and controls
B	Bug Fix	Curve cleanup for deprecated descriptions
B	Bug Fix	Various EPANET import/export fixes
B	Bug Fix	Prevent error notification for every copy field in multi vlookup on error
N	New Function	Model reference saving in GIS Projects
N	New Function	Overflow tables for EPANET import for curves and demand categories
	2024/05/31	Public Release (Installer Version 6_2024_05_31)
I	Improvement	Model import from GIS projection and multi-part checks
I	Improvement	Stand-alone menu for Global Multiplier setting
I	Improvement	Skip ill-conditioned curves for inp export in analysis
B	Bug Fix	Fires and Time setting correction reading old Wadiso 5 Time Simulation file
B	Bug Fix	Catch Model Save As failure for excessive path length
B	Bug Fix	Import from INP Curve type always default
B	Bug Fix	Fix error in Optimization sample files
N	New Function	Addition of default Esri Custom Map Sets
	2024/01/31	Public Release (Installer Version 6_2024_01_31)
I	Improvement	Upgrade to GLS Mapbox for OpenStreetMaps and Satellite Imagery
I	Improvement	Planbook dialogue improvements
I	Improvement	Delete Multiple Vertices function added
I	Improvement	Network Topology: duplicate link refactor fix
I	Improvement	Error Reporting on Invalid External Connection Files
I	Improvement	Support licensing of concurrent instances on same machine
I	Improvement	Support licensing of Mapbox and Google Maps only for valid SMA
B	Bug Fix	Fix label move on same layer bug
B	Bug Fix	Network Topology: duplicate link refactor
N	New Function	Addition of Mapbox Graphite Map Theme
N	New Function	Support Convex Hull GIS operation
	2023/10/31	Public Release (Installer Version 6_2023_10_31)
B	Bug Fix	CAD Text outline shade colour to apply and save to drawing
B	Bug Fix	Catalogue database use in multiple instances
B	Bug Fix	GIS layer save prompt on Drawing tab close
B	Bug Fix	Correction for Valve costing
I	Improvement	Handling of invalid or expired licenses
I	Improvement	Reinstate ECW read-only support
I	Improvement	Bug tracking communication updated
I	Improvement	Traversal stop limit based on link count and not traversal iterations
I	Improvement	Updated "Create from" and "Export To" Epanet INP files
N	New Function	Function to adjust zero length links
N	New Function	Capturing theme added including validity rendering
N	New Function	Drawing tab right-click closing options added
N	New Function	Mapgrid enhancements for linear naming for level 1 blocks
	2023/07/31	Public Release (Installer Version 6_2023_07_31)
B	Bug Fix	Model Assign Projection for 64-bit versions
B	Bug Fix	Fix Load Linked DTM when multiple DTMs are linked to model
B	Bug Fix	Global Multiplier skipped in pattern export if patterns length differed from simulation period
B	Bug Fix	Allow only link selection to be renumbered
I	Improvement	Pressure Envelope on GIS Longsection when Time Simulated
I	Improvement	Enable Chezy-Manning roughness option
I	Improvement	Min/Max/Ave velocity, head and flow results from Time Simulation
I	Improvement	User Resize Error Report Form
N	New Function	Ability to change privacy consent setting

N	New Function	Create polygon grid
N	New Function	Energy Reporting option
N	New Function	Sqlite to ESRI GDB (and vice versa) converter
N	New Function	Drag ESRI GDB into GIS
	2023/01/31	Public Release (Installer Version 6_2023_01_31)
B	Bug Fix	Quick Start Form behaviour and version number fix
B	Bug Fix	Add Fire Flow pattern entry for Time Simulation
I	Improvement	Halt function execution while saving from blue star
I	Improvement	Remove groups with no additional demand from demand sensitivity analysis
I	Improvement	Updated Help Files
N	New Function	Create Model from old ASC format
	2022/10/31	Public Release (Installer Version 6_2022_10_31)
B	Bug Fix	Time Simulation valve graphs not showing
B	Bug Fix	Account for locale settings not supported by epanet
B	Bug Fix	Use dynamic length field in zero length check for pumps and valves
B	Bug Fix	EpanetServer to continue after stall - do not restart
I	Improvement	Updated pipe catalogue with new entries
I	Improvement	Appurtenance on node to use first connected existing pipe to link to first
I	Improvement	Expose new Beta export to INP files with flow unit selection option
I	Improvement	DTM colour ranges
N	New Function	New zipped shape and sqlite support when working over network with large files
N	New Function	Generic GIS Buffer
N	New Function	Allow Selecting all open pipes from pumps or valve links as starting point
N	New Function	Option to modify source file paths of GIS project file
N	New Function	New compression library used to support large files
	2022/06/30	Public Release (Installer Version 6_2022_06_30)
B	Bug Fix	Time Simulation pump graphs not showing without calibration data
I	Improvement	Unique Fire Event identification
I	Improvement	Allow for constant energy pump
I	Improvement	Registration info encryption type update
I	Improvement	Set node/junction number as close to link number as possible when inserting a node
N	New Function	Access Google Map API via EdgeBrowser - requires WebView2Runtime
N	New Function	Option to Reset Local Licenses if files become corrupt
N	New Function	Edit Selected Values from Selection Filter (Find and Replace)
N	New Function	Enable epanetserver.exe to run as local service for Fire Risk and Redundancy analyses
	2022/03/31	Public Release (Installer Version 6_2022_03_31)
B	Bug Fix	Revert JS version for google map downloads
B	Bug Fix	Fixed crash on application close when TChart objects were created
B	Bug Fix	Convert selected vertices to nodes caused blank pipe data
B	Bug Fix	Rare issue on quick long section when both first pipe and pump records are in selection
B	Bug Fix	Saving Elevation profiles
I	Improvement	Generic Report Form display improvements
I	Improvement	Add Suburb and Ward memo field info to copy on insert
I	Improvement	Add Calibration files as external connection file options
N	New Function	Select/Show unlinked appurtenances
N	New Function	Save render categories as individual tables
	2021/11/30	Public Release (Installer Version 6_2021_11_30)
B	Bug Fix	Correct model lock check on blue star click
B	Bug Fix	Fixed program exit memory leak after displaying any graph
I	Improvement	External/Third-party acknowledgements appendix in Help documents
I	Improvement	Fire Risk Analysis - Add "NO FIRE" option
I	Improvement	Fire Risk Analysis - function to add dummy hydrant appurtenances
I	Improvement	Allow multiple demand sensitivity groups per node with " " separator
I	Improvement	Fire Risk Analysis - Separate scenario creation and analysis
I	Improvement	Option to set 'Exist' parameter when capturing - false by default
I	Improvement	Multi-VLookup add fields to copy improvement
N	New Function	Order model selection with traversal
N	New Function	Isolate Pipes - Determine valve closure locations
N	New Function	User Theme Backup functionality
	2021/07/31	Public Release (Installer Version 6_2021_07_31)

B	Bug Fix	Remove dead node cad entities after merge and save
B	Bug Fix	VLookup failure on outer joined tables
B	Bug Fix	Tank selection elevation update from DTM
B	Bug Fix	Copy TSI file when loading results
B	Bug Fix	Reading results for T/S charts after elements have been deleted
B	Bug Fix	Traversal for very large models
I	Improvement	Copy, Cut and Paste in datapane/property editor
I	Improvement	Lock file messages for model load and save
I	Improvement	Disable form controls while operation is busy
N	New Function	Custom Webmap loader
N	New Function	Selection Builder using spatial selection toolkit
N	New Function	Fire Risk Analysis - Demand driven alternative
2021/04/30 Public Release (Installer Version 6_2021_04_30)		
B	Bug Fix	Prevent inserting node on node causing zero-length links
B	Bug Fix	Fix data sorting in fields for text starting with 'inf' or 'nan'
B	Bug Fix	Valve and Pump Data fields in Quick Profile
I	Improvement	POPI/GDPR compliance
I	Improvement	Implement new Google External Maps
I	Improvement	Improved Google Street View
I	Improvement	Update of Mapbox Satellite Maps
I	Improvement	Re-introduce network topology integrity check on model load with zero-length link check
I	Improvement	Exact matching of field values from catalogue
I	Improvement	GLS GIS Conversion Tool export to GIS restructured
N	New Function	GIS Polygon clipping tools
N	New Function	GLS GIS Conversion Tool now supports export to GeoJSON files
2021/02/28 Public Release (Installer Version 6_2021_02_28)		
B	Bug Fix	Fix error on shutdown when no models are loaded
I	Improvement	Alphabetical field names in Vlookup
I	Improvement	Notification system updates
I	Improvement	Allow for user lengths in the Quick Profile
I	Improvement	Proxy detection for license server
2020/11/30 Public Release (Installer Version 6_2020_11_30)		
B	Bug Fix	Curve Table graphs
I	Improvement	Quick Profile axis titles
I	Improvement	Disable editing of result fields in model tables
I	Improvement	Option to abort application shutdown or model closure with unsaved changes
I	Improvement	Time Simulation: set default for global multiplier and factors to 1
N	New Function	Snap to closest node location for appurtenances
2020/08/31 Public Release (Installer Version 6_2020_08_31)		
B	Bug Fix	Geometry not set after node conversion
B	Bug Fix	Pump Efficiency curves not linked during EPANET import
I	Improvement	Major improvements in checking for network connection loss with warning system
I	Improvement	Improved error checks on selection for topology functions
I	Improvement	Expand EPANET import support for multiple demand patterns
N	New Function	Save multi-layer GIS selection as single database or multiple shape files
2020/07/31 Public Release (Installer Version 6_2020_07_31)		
B	Bug Fix	Generate GIS Long Section not rendering lines
B	Bug Fix	Elevation assignment failure in the 64-bit version
B	Bug Fix	Account for semi-colon at end of pattern data in INP file
B	Bug Fix	Exported model reports not loading
B	Bug Fix	Fix EPANET 2.2 unconnected node error message in Status Window
I	Improvement	Option to not overwrite existing values with the Multi-Vlookup
I	Improvement	Model Save As (and Selection As) to open in current model directory
I	Improvement	Copy common link data to the appurtenance when inserting
N	New Function	Global Search to find values in loaded GIS layers
N	New Function	Model <> GIS data selection for correlated data
2020/05/31 Public Release (Installer Version 6_2020_05_31)		
B	Bug Fix	Delete nodes from menu options did not remove connected links
B	Bug Fix	Errors when entering time simulation factor form after editing the number of factors
I	Improvement	Import of WaterMate INP format
I	Improvement	Remove empty curve table records during cleanup
I	Improvement	Switch pump on/off from right-click menu
I	Improvement	Update to latest EPANET 2.2 version and set as default analysis engine
I	Improvement	Add length limit for model skeletonisation
I	Improvement	Search improvement for the populate from presets form
I	Improvement	Update style categorized labels as displayed for Insert Legend
N	New Function	Add ESRI map options based on client license
2020/03/31 Public Release (Installer Version 6_2020_03_31)		
B	Bug Fix	Additional safety measures when trying to Save As existing file has a failure
B	Bug Fix	Check all loaded models for all drawing tabs for changes on shutdown
B	Bug Fix	Create from WAZ field mapping correction

B	<i>Bug Fix</i>	Ignore unattached appurtenances not selected when merging model selections
B	<i>Bug Fix</i>	Also save the external connection table when saving model selections