

## History of Changes for Edisan

	<b>2024/11/30</b>	<b>Public Release (Installer Version 6_2024_11_30)</b>
I	Improvement	Option with single Vlookup for delimited values in from comparison field
I	Improvement	Zip format GIS lock file message
I	Improvement	Function to clear spaces in element codes
B	Bug Fix	Update internal world connection references to external world on renumber
B	Bug Fix	Prevent error notification for every copy field in multi vlookup on error
N	New Function	Model reference saving in GIS Projects
	<b>2024/05/31</b>	<b>Public Release (Installer Version 6_2024_05_31)</b>
I	Improvement	Model import from GIS projection and multi-part checks
I	Improvement	Bulk Template apply
I	Improvement	Internal world connection auto allocation
B	Bug Fix	Catch Model Save As failure for excessive path length
B	Bug Fix	Prohibit substations from interactive merge
N	New Function	Parallel line creation
N	New Function	Pass-through substation element
N	New Function	Decommission conductor
N	New Function	Addition of default Esri Custom Map Sets
N	New Function	Supply Tree View - view load profile and forecast
	<b>2024/01/31</b>	<b>Public Release (Installer Version 6_2024_01_31)</b>
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
B	Bug Fix	Fix model merging bug
N	New Function	Addition of Mapbox Graphite Map Theme
N	New Function	Support Convex Hull GIS operation
	<b>2023/10/31</b>	<b>Public Release (Installer Version 6_2023_10_31)</b>
B	Bug Fix	Account for user format settings for floating point values
B	Bug Fix	Catalogue database use in multiple instances
I	Improvement	Show load factor in Load Profile View form
I	Improvement	Various traversal option additions
I	Improvement	Include scenario load profile roll up data in IW Transformers
I	Improvement	Load Forecast on selections and menu items to print and adjust charts
I	Improvement	Handling of invalid or expired licenses
N	New Function	Extract average demand per profile per substation
N	New Function	Internal World data editing form
N	New Function	Function to check if transformer requirements exceed firm capacity
	<b>2023/07/31</b>	<b>Public Release (Installer Version 6_2023_07_31)</b>
B	Bug Fix	Model Assign Projection for 64-bit versions
B	Bug Fix	Fix Load Linked DTM when multiple DTMs are linked to model
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	Sqlite to ESRI GDB (and vice versa) converter
N	New Function	Drag ESRI GDB into GIS
	<b>2022/10/31</b>	<b>Public Release (Installer Version 6_2022_10_31)</b>
B	Bug Fix	Load Forecast increment calculation and display
I	Improvement	Appurtenance on node to use first connected existing pipe to link to first
I	Improvement	Load Forecast diversity calculations to account for multiple profiles per load
I	Improvement	Load Forecast allow for reduction over period
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	Option to Edit the assigned profiles on load
N	New Function	Option to modify source file paths of GIS project file
N	New Function	New compression library used to support large files
	<b>2022/06/30</b>	<b>Public Release (Installer Version 6_2022_06_30)</b>
B	Bug Fix	Correction to impedance auto update calculation for small length cables (< 1m)
I	Improvement	Registration info encryption type update
N	New Function	Edit Selected Values from Selection Filter (Find and Replace)
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	Various additional functions available under GIS > Tools
	<b>2022/03/31</b>	<b>Public Release (Installer Version 6_2022_03_31)</b>
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	Remove search for transformers in external world
I	Improvement	Generic Report Form display improvements
N	New Function	Select/Show unlinked appurtenances
N	New Function	Save render categories as individual tables
	<b>2021/11/30</b>	<b>Public Release (Installer Version 6_2021_11_30)</b>
B	Bug Fix	Correct model lock check on blue star click
B	Bug Fix	Fix error in firm capacity calculation
B	Bug Fix	Renumbering while substation internal world is open
B	Bug Fix	Fixed program exit memory leak after displaying any graph
I	Improvement	External/Third-party acknowledgements appendix in Help documents
I	Improvement	Option to set 'Exist' parameter when capturing - false by default
I	Improvement	Several theme style updates
I	Improvement	Multi-VLookup add fields to copy improvement
N	New Function	Order model selection with traversal
N	New Function	Upstream Voltage Profile display
N	New Function	User Theme Backup functionality
	<b>2021/07/31</b>	<b>Public Release (Installer Version 1_2021_07_31)</b>
B	Bug Fix	Remove dead node cad entities after merge and save
B	Bug Fix	VLookup failure on outer joined tables
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	Selection Builder using spatial selection toolkit
N	New Function	Custom Webmap loader
	<b>2021/04/30</b>	<b>Public Release (Installer Version 1_2021_04_30)</b>
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	Fault study results not written to tables
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	Option to perform roll-up after calibration scaling for subsation zone
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	Update selected from Catalogue for conductors and breakers
N	New Function	GLS GIS Conversion Tool now supports export to GeoJSON files
	<b>2021/01/31</b>	<b>Public Release (Installer Version 1_2021_01_31)</b>
B	Bug Fix	Various internal world node connectivity issues resolved
B	Bug Fix	Fixed first run result population failure for OpenDSS analysis
B	Bug Fix	Fixed issue with closing internal world after multiple have been opened and closed
I	Improvement	Removed redundant menu items
I	Improvement	Added a filtering option for the Quick Start model list
	<b>2020/11/30</b>	<b>Public Release (Installer Version 1_2020_11_30)</b>
B	Bug Fix	Incorrect length update on conductor fixed
B	Bug Fix	Issue corrected when adding multiple slack bus sources
I	Improvement	Set Voltage Category when updating the Nominal Voltage
I	Improvement	Option to abort application shutdown or model closure with unsaved changes
I	Improvement	Disable editing of result fields in model tables
N	New Function	Clear Analysis Results
N	New Function	Fault study with fault locations
N	New Function	Snap to closest node location for appurtenances
	<b>2020/08/31</b>	<b>Public Release (Installer Version 1_2020_08_31)</b>

B	<i>Bug Fix</i>	Major stability improvements
B	<i>Bug Fix</i>	Capacitive line inductance
I	<i>Improvement</i>	Major improvements in checking for network connection loss with warning system
I	<i>Improvement</i>	Improved reporting of Analysis Results
I	<i>Improvement</i>	Expanded Component Library for all elements
N	<i>New Function</i>	Public release of Internal World System, a Single line diagram mode for capturing the elements in a substation
N	<i>New Function</i>	Model Appurtenances
N	<i>New Function</i>	Save multi-layer GIS selection as single database or multiple shape files