# **Algorithmic Trading System Release Notes**

## Version 0.9

*November 21, 2023*

Features and changes in this release:

* Revised system design and updated tables accordingly
* Symbol change query/update scripts created
* New database with updated data types created
* Database triggers added for insertion scripts to handle new symbols
* Unittests were created for several scripts
* Historical Index insertion script created
* Realtime index insertion script created
* Realtime collection scripts created

## Version 1.0

*November 30, 2023*

Features and changes in this release:

* Automated and updated collection queries
* Automated and updated insertion queries
* Automated and updated Symbol change process
* Updated Historical Stocks, Commodities, and Indexes query
* Updated Historical database insertion scripts
* Static files for consistency checking created
* Unit testing for real time data
* Company information insertion script added
* Unit testing for historical data
* Log files are now created when scripts are run
* Configuration field mapping updates
  + Realtime configuration now contains all assets (except bonds)
  + Historical configuration now contains all assets (except bonds)
  + Functionality for adding additional fields that are not returned by the API

## Version 1.1

*December 7, 2023*

Features and changes in this release:

* Constituent query process added
* Obsolete data deletion

## Version 1.2

*February 1, 2024*

Features and changes in this release:

* Created additional unit tests
* User Interface mockups
* Git actions implemented for Continuous Integration
* Maintenance phase project plan and schedule
* Project Management Plan updated
* System Design Document updated
* Initiated migration process for configuration files (JSON → YAML)

## Version 1.3

February 28, 2024

Features and changes in this release”

* Configuration files changed from JSON to YAML
  + Configuration processing changed to accommodate this
* Login main page for UI
  + User authentication
* Tweaks to UI mockups
* System Design Document
  + Updated diagrams
  + Added UI portions
* System requirements specification updated
  + Added UI information
  + Removed Warehouse components
* Git actions testing
* Old Unit tests updated
* Begin logging system work

## Version 1.4

March 13, 2024

* Directories for entire project refactored for simplicity
* requirements.txt updated to reflect recent changes
* Simplified import statements for easier readability
* Created globals.py for handling directory/file paths
  + Refactored code to use new globals
* Improvements to UI
  + Added data export functionality
* Added Loguru functionality for DEBUG level and higher, printed to console and written to logfile
* Minor updates to documentation to reflect changes

Version 1.5

March 29, 2024

* Styling for UI finalised
* Document revisions (Design document, User Manual, Developers Guide, Change Request Form, Analysis and design inspection)
* UI Data Export finalised
* System Logs table created
* Log database insertion
* Collection tests revised and finalised
* General refactoring

Version 2.0

April 10, 2024

* Finish up major project refactoring
  + Fixed bugs associated with refactor
* Scheduling changes/improvements
* Improved UI functionality
* System now deploys to a web server and can be accessed through a browser
  + ATS now available via proxy server <https://ats.cosc-oc.ca/login>