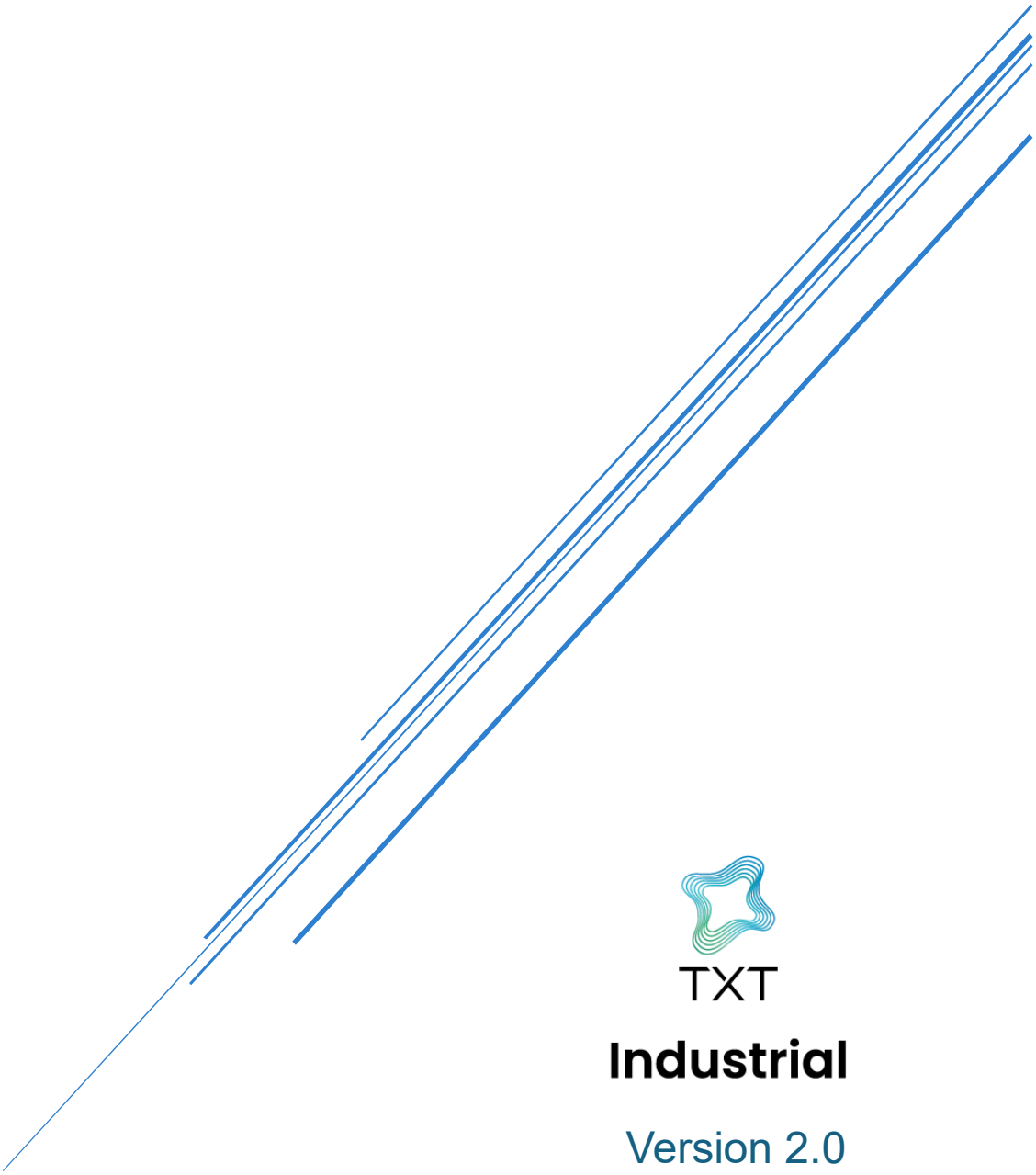
SmartCPQ

Release Notes



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Industrial

Version 2.0

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Changelog

Date	Author	Comments
2025-09-11	Andrea Zaratin	First release

1 Overview

We are pleased to announce the release of **SmartCPQ 2.0**, which introduces significant improvements in user interface design, system performance, and overall application availability. This major update enhances the user experience while maintaining full compatibility with your production data.

What's New in Version 2.0

SmartCPQ 2.0 brings substantial enhancements across three key areas:

- **Architecture improvements** for better performance and reliability
- **User interface modernization** with improved navigation and usability
- **Enhanced configuration tools** for streamlined product setup

This release maintains backward compatibility with existing configurations while providing a more intuitive and responsive user experience.

2 Key Enhancements

2.1 Improved Application Architecture

2.1.1 Dynamic Data Loading

The application no longer caches menus and product data in memory. Instead, it retrieves information directly from Aras Innovator with each request. This architectural change delivers several benefits:

- Enhanced system availability during Aras or CPQ service restarts
- Real-time data synchronization between Aras and SmartCPQ
- Reduced memory footprint and improved scalability
- Elimination of cache-related inconsistencies

2.2 Enhanced User Interface

2.2.1 Global Navigation Improvements

The top navigation bar has been redesigned for better accessibility and usability:

2.2.2 Dark Mode Toggle

- A new dark mode button (moon icon) is now available on all pages
- Users can switch between light and dark themes based on preference
- Theme selection is preserved across sessions

2.2.3 Redesigned InBasket and Profile Sections

- InBasket and Profile are no longer dropdown menus
- Both sections now open dedicated pages with enhanced functionality
- New features include:
    - Advanced search capabilities

- Customizable data tables
- Comprehensive filtering options
- Improved data organization and visibility

2.3 Advanced Configuration Experience

2.3.1 Improved Option Visibility

The product configuration interface has been redesigned for enhanced clarity:

- Selectable options are now displayed with improved visual hierarchy
- Better organization of configuration choices
- Enhanced readability and reduced visual clutter
- Intuitive layout that guides users through the configuration process

2.3.2 Resizable Layout Panels

The three-section layout (left menu, central configuration, right price/BOM) now features dynamic resizing:

- Users can drag the boundaries between sections to adjust panel sizes
- Custom layouts are preserved during the session
- Improved flexibility for different screen sizes and user preferences
- Optimized space utilization for complex configurations

2.4 Advanced Table Functionality

All tables throughout the application have received a comprehensive upgrade:

2.4.1 New Filtering Capabilities

- Multi-column filtering
- Advanced filter operators (equals, contains, starts with, etc.)
- Filter presets for common searches
- Clear visual indication of active filters

2.4.2 Enhanced Search Features

- Global search across all table columns
- Column-specific search options
- Real-time search results
- Search history for quick access to previous queries

2.4.3 Improved Data Display

- Sortable columns with multi-level sorting
- Customizable column visibility
- Resizable columns
- Export functionality for table data