BREEZE TankESP & BREEZE ESP+
Comparison Chart

General Features	TankESP	ESP+
User-friendly (Intuitive Interface)	✓	✓
A desktop application, compatible with Windows machines, that requires adminstrative privileges to install and unlock	✓	
A multi-tenant Software-As-A-Service (SAAS) hosted by Trinity Consultants that is a web-based application, accessible from any major browsers (e.g., Google Chrome, Microsoft Edge, Internet Explorer, Firefox, etc.) and from any major Operating Systems (e.g., Windows, Linux, Mac OS)		✓
Uses MS Access Database, which is stored and managed on the user's local machine or server. If the data need to be shared, users can easily share the database file amongst themselves	✓	
Uses Azure Database for PostgreSQL where the data is stored in the cloud and can be easily shared between users of the same company (if desired) within the application		✓
Enables users to preview the emission estimates	✓	✓
Enables users to generate and export reports to Excel spreadsheets	✓	✓
Utilizes tabular data entry tables that have a spreadsheet like grid of input cells (data grid), allowing users to insert or delete rows, and copy and paste data entries	✓	✓
Allows users to export the entry data to an Excel spreadsheet or a CSV file. The tabular data entry tables also include filter and sorting functions		✓
Utilizes U.S. Customary Units	✓	✓

Licensing Features	TankESP	ESP+
Available on a perpetual license basis with an optional annual maintenance renewal fee that provides users with continued access to new versions and Support Team	✓	
Available on a subscription basis that when active, provides users with access to the application and Support Team		✓
Accessible without having valid maintenance or subscription*	✓	

* While BREEZE TankESP users will have access to the software even after their maintenance has expired, they will not have access to the latest software versions or BREEZE Support Team.

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Technical Features

	TankESP	ESP+
Allows users to specify the emission calculation methodologies for storage tanks emission estimates based on U.S. EPA June 2020 AP-42 Chapter 7 (the latest version) or U.S. EPA December 2006 AP-42 Chapter 7 (the previous version)	✓	✓
Includes pure chemicals, stocks, and meteorological data for Class I sites from the U.S. EPA 2020 AP-42 Chapter 7	✓	✓
Includes meteorological data for the Class II locations from the National Solar Radiation Database	✓	✓
Accommodates non-routine service events (i.e., roof landing, tank cleaning, mid-month changes) for storage tanks	✓	✓
Estimates maximum potential short-term (pound/hour) emissions	✓	✓
Includes Show-Calculation-Steps templates for routine emissions, non-routine tank cleaning, roof landing, and change of service emissions for storage tanks	✓	✓
Accommodates user-defined pure chemicals, stocks, and meteorological location data	✓	✓
Allows for user-designed customized reporting	✓	✓
Calculates speciated emissions for each type of emissions event, as well as emissions of total VOCs	✓	✓
Accounts for the vapor load to a control device from each source that is routed to that control device	✓	✓
Calculates flashing emissions from production field tanks using the Laboratory GOR method	✓	✓
Accommodates mid-month changes in service, calculating the emissions for a given service based on the number of days that the tank was undergoing that service	✓	✓
Adjusts emission estimates to account for a change in source construction (e.g., adding a dome roof on an open-top external floating-roof tank) while maintaining historical records of estimated emissions based on the prior tank configuration for the period before the change	✓	✓
Includes a detailed report template that consists of all the information in the U.S. EPA TANKS 4.09d “detail” report	✓	✓
Estimates emissions from the following types of sources:		
Fixed-Roof Tanks	✓	✓
Floating-Roof Tanks	✓	✓
Catch Pans		✓
Combustion Units		✓
Control Devices		✓
Equipment Leaks		✓
Line/Vessel Openings		✓
Loading Operations		✓
Sumps/Oil-Water Separators		✓
Vacuum Trucks		✓

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