

# ***Technical Note***

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## ***Vertex™ Application Software 1.25.14 Release Notes***

1998-1038 Rev 1  
April 2022

Honeywell Analytics is pleased to announce the release of Vertex Application Software 1.25.14 for the Vertex™ System. This release is based on the previous Vertex Application Software 1.25.13 and is intended for Vertex systems with Windows XP® and Windows® 7 Operating Systems. This release is **not** a “Mandatory” release and should be applied if a listed change “Improvement” may address an experienced issue.

The Vertex Application Software package includes the following software/firmware versions:

- Vertex HMI Software 1.25.14
  - Configuration Utility 1.01.23
- Analyzer Firmware 1.26
- Closed Loop Optics (CLO) Block Firmware 10.11

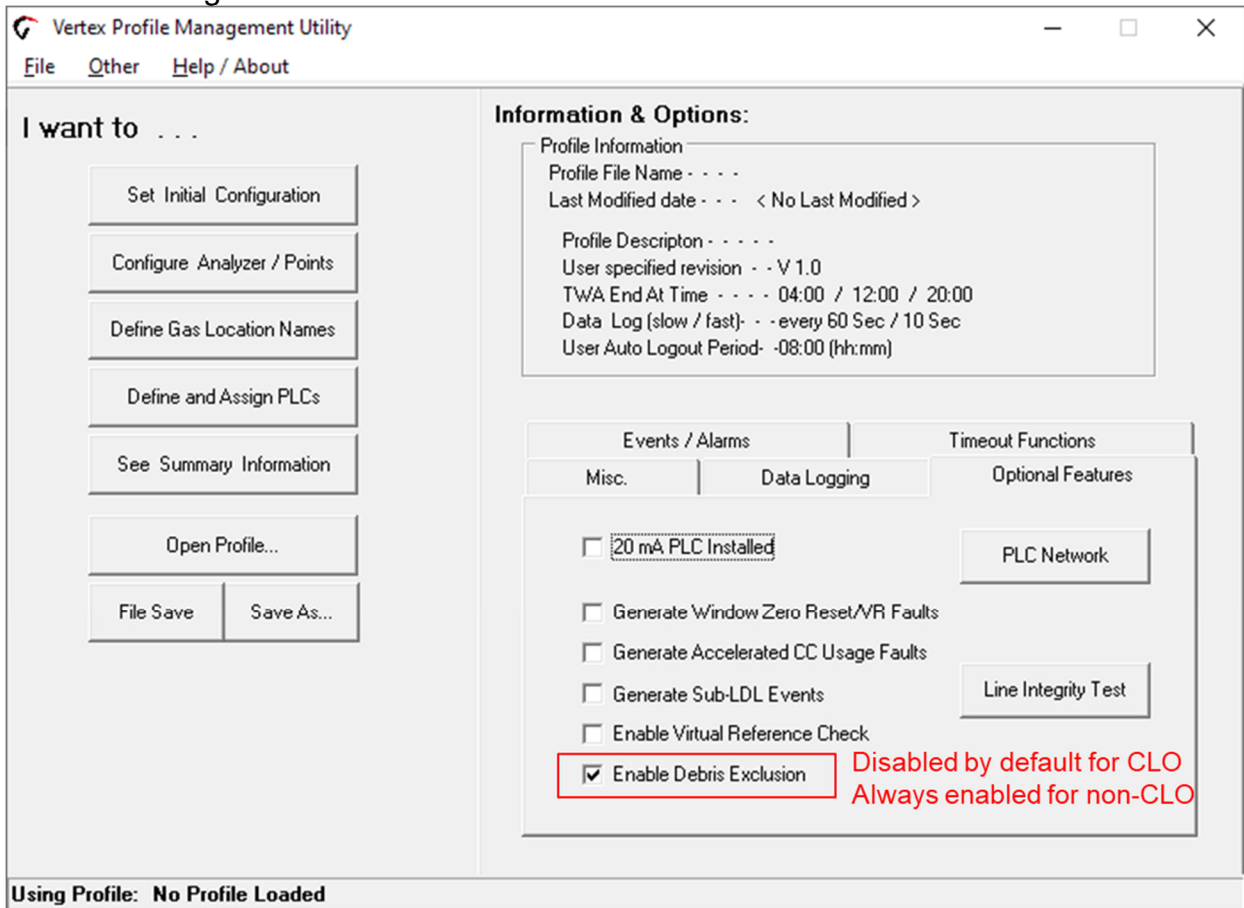
All parts of the Vertex™ System must be updated accordingly for proper operation.

Changes:

- **Improvement** – ALDE debris rejection improvement to prevent false alarm events. ALDE exclusion algorithm was extended to included gas detection range that it was not previously applied to reject possible debris. This exclusion algorithm is always open for opportunities for improvement as more field data is provided for evaluation and to develop test cases for real world events.

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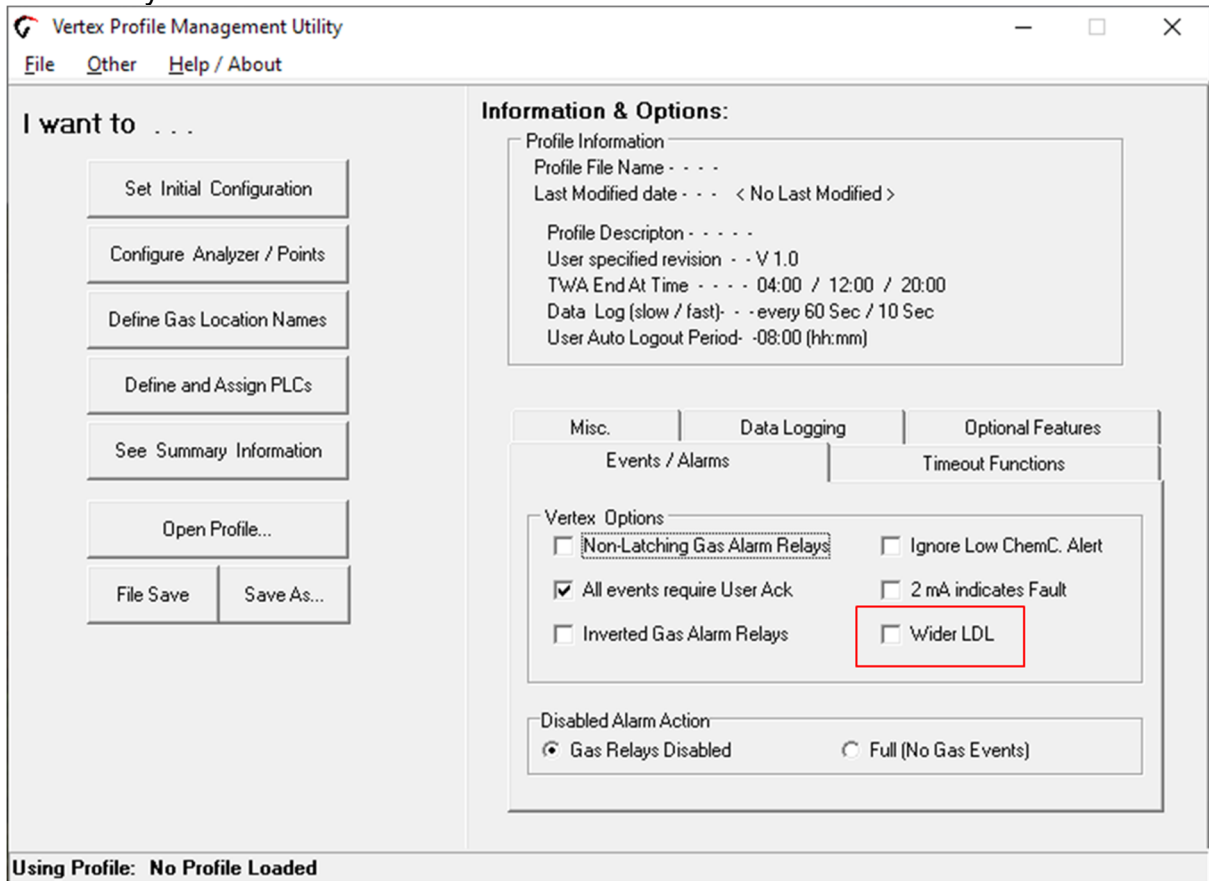
This improvement was intended for the non-CLO blocks in the previous release but is now user configurable for CLO blocks in this release.



Enabling this feature may cause detection delay as high 10 seconds and extremely high concentration of gas may not be detected reliably.

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- **Enhancement** – User configurable wider Lower Detectable Limit (LDL). LDL can be set up to 1 Threshold Limit Value (TLV) instead of the default ½ TLV. The wider LDL allows for wider monitoring readings, this does not impact performance or function of the Vertex™ System.



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