

# ***Technical Note***

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## ***Vertex™ Application Software 1.25.13***

1998-1031 Rev A2 5/22

Honeywell Analytics is pleased to announce the release of Vertex Application Software 1.25.13 for the Vertex™ System. The Vertex Application Software package includes the following software/firmware versions:

- Vertex HMI Software 1.25.13
- Analyzer Firmware 1.25
- Closed Loop Optics (CLO) Block Firmware 10.11

### Changes:

- **Obsolescent** – A component on the Sensor Control board has been replaced and as a result the Analyzer software required an update to support the new board revision. The changes will be transparent to the functional operation of the Analyzer and only impacts Honeywell Analytics (HGAS) Service Workshop teams and Production in the event the Sensor Board requires replacement.
- **Improvement** – ALDE debris rejection improvement. 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.
- **Improvement** – Default Virtual Reference parameters was added to analyzer firmware. This firmware change is to mitigate the extremely rare case where an older version of the gas table is used that does not have the VR limit and tape advance parameters set and VR is enabled. The default parameters of VR limit 50 and tape advance 6 will be used if not set for a gas family.
- **Improvement** – The CLO block firmware was changed to improve the auto adjust range to cover hardware limits as designed when performing Chemcassette™ calibration. Some CLO blocks may experience F229 fault, this firmware release will correct this fault.

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**Find out more:**

<https://sps.honeywell.com/us/en/products/safety/gas-and-flame-detection>

**Contact Honeywell Analytics:**

**Europe, Middle East, Africa**

Life Safety Distribution GmbH  
Javastrasse 2  
8604 Hegnau  
Switzerland  
Tel: +41 (0)44 943 4300  
Fax: +41 (0)44 943 4398  
gasdetection@honeywell.com

**Customer Service:**

Tel: 00800 333 222 44 (Freephone number)  
Tel: +41 44 943 4380 (Alternative number)  
Fax: 00800 333 222 55

Middle East Tel: +971 4 450 5800 (Fixed Gas Detection)  
Middle East Tel: +971 4 450 5852 (Portable Gas Detection)

**Americas**

Honeywell Analytics Distribution Inc.  
405 Barclay Blvd.  
Lincolnshire, IL 60069  
USA  
Tel: +1 847 955 8200  
Toll free: +1 800 538 0363  
Fax: +1 847 955 8210  
detectgas@honeywell.com

RAE Systems by Honeywell  
Phone: 408.952.8200  
Toll Free: 1.888.723.4800  
Fax: 408.952.8480

**Asia Pacific**

Honeywell Industrial Safety  
7F SangAm IT Tower,  
434, Worldcupbuk-ro, Mapo-gu,  
Seoul 03922,  
Korea  
Tel: +82 (0) 2 6909 0300  
Fax: +82 (0) 2 2025 0328  
India Tel: +91 124 4752700  
China Tel: +86 10 5885 8788 3000  
[analytics.ap@honeywell.com](mailto:analytics.ap@honeywell.com)

**Technical Support**

EMEA: [gastechsupportemea@honeywell.com](mailto:gastechsupportemea@honeywell.com)  
Americas: [is.gas.techsupport@honeywell.com](mailto:is.gas.techsupport@honeywell.com)  
AP: [gas.techsupport.apaci@honeywell.com](mailto:gas.techsupport.apaci@honeywell.com)  
LATAM: [SoporteTecnico.HGAS@Honeywell.com](mailto:SoporteTecnico.HGAS@Honeywell.com)  
Brazil: [SuporteTecnico.HGAS@Honeywell.com](mailto:SuporteTecnico.HGAS@Honeywell.com)

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