



## Proactive Safety: Keep Your Workers Protected

MSA Link Pro Software lets you easily and proactively manage your gas detection fleet. Program offers efficient setup and configuration with dashboard alerts as to all conditions, as well as calibration gas and expiration warnings. Query data, print or save reports including gas exposures incidents; system can be set up to automatically send email exposure alerts. Generate session logs, including periodic as well as calibration and GALAXY® GX2 System bank data. Program sends scheduled emails from master test stand based upon detector conditions and events. Directly input your data and filter results live.

View test and exposure data, session and periodic logs at a glance. Dashboard displays live status of GALAXY System test stand banks.

**Instruments**

|                          |                        |
|--------------------------|------------------------|
| Calibration failed<br>0  | Bump test failed<br>0  |
| Calibration overdue<br>0 | Bump test overdue<br>0 |

**GALAXY GX2**

|                                  |  |
|----------------------------------|--|
| Gas Cylinders Low: 0<br>Empty: 0 | Gas Cylinders Pending: 0<br>Expired: 0 |
| General errors<br>0              | Connection lost<br>0                   |

**Gas Detector Alarms - History**

Today (Thursday, August 02, 2012)

|                 |           |
|-----------------|-----------|
| High alarm<br>0 | STEL<br>0 |
| Low alarm<br>0  | TWA<br>0  |

Live filtering can be viewed, printed and saved as PDF document.

**session log** session alarm log periodic log calibration GALAXY GX2

No searches defined

**DATE RANGE**

- Yesterday
- Last Week
- Last Month
- Last 6 Months
- Last Year
- Custom

**DEVICES**

- All Devices
- ALTAIR
- ALTAIR PRO
- ALTAIR 4
- ALTAIR 4X
- ALTAIR 5
- ALTAIR 5 IR
- ALTAIR SX
- ALTAIR SX IR

| Timestamp           | Device    | Type  | Serial Number | Event Type       | Gas         | Alarm Value | Gas Unit |
|---------------------|-----------|-------|---------------|------------------|-------------|-------------|----------|
| 7/3/2012 8:07:00 AM | ALTAIR 4X | 59161 | Exposure Peak | Carbon Monoxide  | 63.00000000 | ppm         |          |
| 7/3/2012 8:07:00 AM | ALTAIR 4X | 59161 | Exposure Peak | Oxygen           | 15.30000022 | % LEL       |          |
| 7/3/2012 8:07:00 AM | ALTAIR 4X | 59161 | Exposure Peak | Pentane          | 58.00000000 | % LEL       |          |
| 7/3/2012 8:10:00 AM | ALTAIR 4X | 59161 | Exposure Peak | Nitrogen Dioxide | 10.20000015 | ppm         |          |
| 7/3/2012 8:09:00 AM | ALTAIR 4X | 3     | Exposure Peak | Oxygen           | 15.50000023 | % LEL       |          |
| 7/3/2012 8:08:00 AM | ALTAIR 4X | 3     | Exposure Peak | Carbon Monoxide  | 63.00000000 | ppm         |          |
| 7/3/2012 8:09:00 AM | ALTAIR 4X | 3     | Exposure Peak | Pentane          | 58.00000000 | % LEL       |          |
| 7/3/2012 8:12:45 AM | ALTAIR 4X | 3     | Exposure Peak | Nitrogen Dioxide | 10.90000016 | ppm         |          |
| 7/3/2012 8:34:45 AM | ALTAIR 4X | 3     | Exposure Peak | Carbon Monoxide  | 62.00000000 | ppm         |          |
| 7/3/2012 8:34:45 AM | ALTAIR 4X | 3     | Exposure Peak | Pentane          | 61.00000000 | % LEL       |          |
| 7/3/2012 8:34:45 AM | ALTAIR 4X | 3     | Exposure Peak | Oxygen           | 15.50000023 | % LEL       |          |
| 7/3/2012 8:37:15 AM | ALTAIR 4X | 3     | Exposure Peak | Nitrogen Dioxide | 5.90000008  | ppm         |          |
| 7/3/2012 8:38:15 AM | ALTAIR 4X | 3     | Exposure Peak | Nitrogen Dioxide | 11.50000017 | ppm         |          |
| 7/3/2012 8:33:30 AM | ALTAIR 4X | 59161 | Exposure Peak | Pentane          | 58.00000000 | % LEL       |          |
| 7/3/2012 8:33:30 AM | ALTAIR 4X | 59161 | Exposure Peak | Oxygen           | 15.30000022 | % LEL       |          |
| 7/3/2012 8:33:30 AM | ALTAIR 4X | 59161 | Exposure Peak | Carbon Monoxide  | 61.00000000 | ppm         |          |
| 7/3/2012 8:36:00 AM | ALTAIR 4X | 59161 | Exposure Peak | Nitrogen Dioxide | 10.20000015 | ppm         |          |

**GALAXY GX2 instrument configuration instrument history**

**General Settings**

Bank Name: betskeroj

Language: English

Pressure Unit:  Bar  PSI

**Calibration & Bump Test**

Testmode: [ ]

Calibration Interval (Days): [ ]

Bump Test Interval (Days): 1

Classic Mode:

Time Zone: EASTERN\_STANDARD\_TIME

Daylight Savings: Daylight Saving

24 Hours Display:

**Alternate LEL Setup**

| Gas     | Alternate LEL            | Allow Simultant                     |
|---------|--------------------------|-------------------------------------|
| Methane | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

System offers direct data input, live filtering, test and exposure queries, and detailed reports.

**MSA The Safety Company**

**GALAXY GX2 Test Report** Test Date/Time: 21 May 2012 02:57:08 PM

**Test Type:** Calibration **Instrument:** ALTAIR 4X

**Test Result:** Passed **Serial Number:** 14

**GX2 S/N:** 1 **User:** SAM

**Company:** Company **Department:** ENG

**Instrument Set Points:**

| Sensor | Low       | High     | STEL    | TWA     | Range       |
|--------|-----------|----------|---------|---------|-------------|
| COMB   | 10 % LEL  | 20 % LEL | 0 % LEL | 0 % LEL | 0-100 % LEL |
| O2     | 19.5 %vol | 23 %vol  | 0 %vol  | 0 %vol  | 0-30 %vol   |
| CO     | 25 ppm    | 100 ppm  | 100 ppm | 25 ppm  | 0-2000 ppm  |
| H2S    | 10 ppm    | 15 ppm   | 15 ppm  | 10 ppm  | 0-200 ppm   |

**Test Results:**

| Sensor | Target Value | Found Value | Test Result | Notes                    |
|--------|--------------|-------------|-------------|--------------------------|
| COMB   | 58 % LEL     | 58 % LEL    | Passed      | Methane as % LEL Pentane |

Print and save detailed calibration, bump test and exposure reports

## The MSA Commitment

From the latest in sensor technology to instrument design and manufacturing, MSA has the capabilities and expertise to support your portable gas detection challenges.

## Four Easy Ways to Access Data

### Dashboard – Live System View

Single-glance notification of instruments that are overdue for calibration or bump test

### Reports – View at your convenience

Database storage of instrument Periodic and Session data logs and customizable reports

### Email Alerts – Instant alerts

Email notifications of GALAXY GX2 System and instrument warnings and error messages

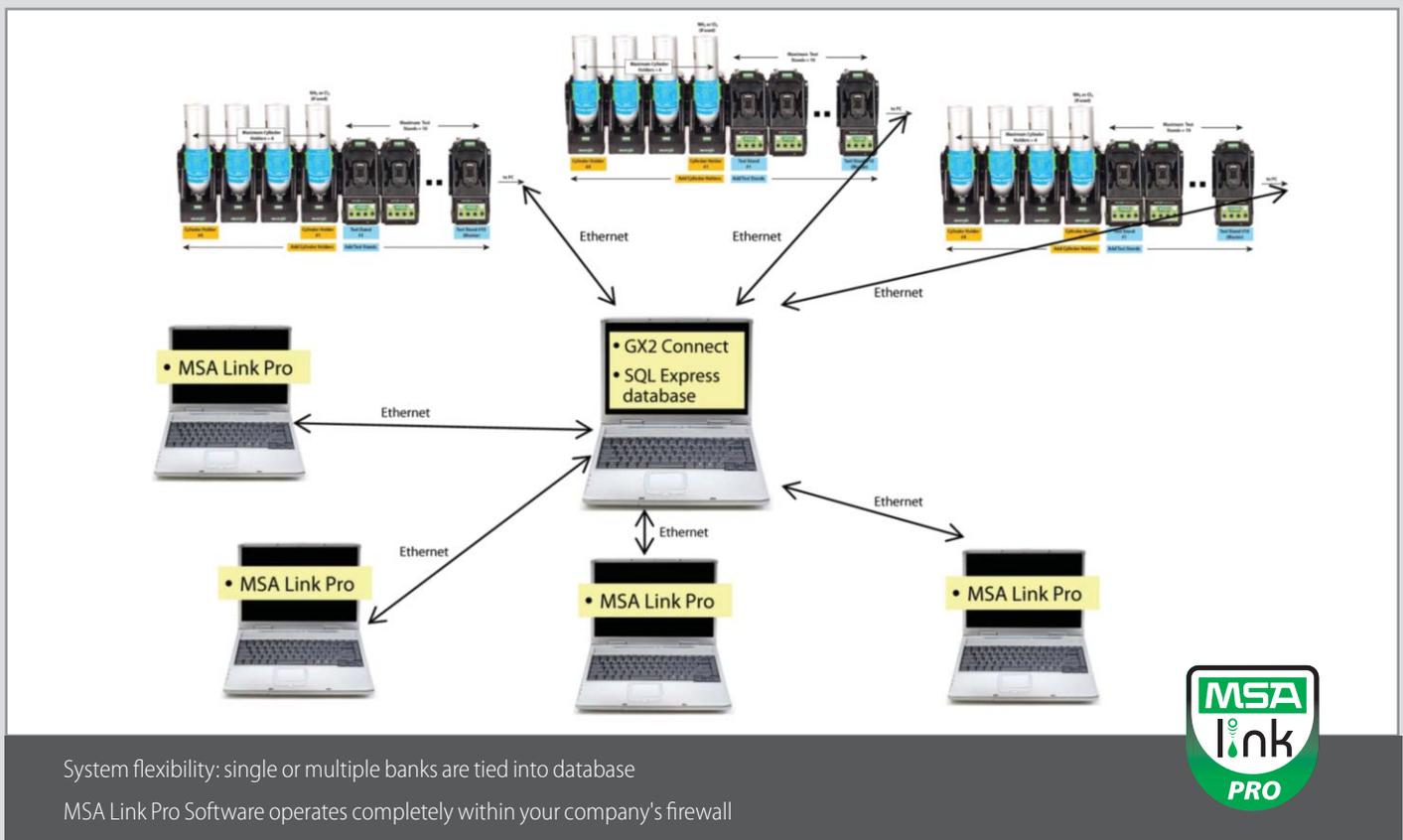
### Fleet Management – Configure and Audit Systems

Configure banks, instruments and audits fleet settings



## Setup, Network and User Flexibility

- System can be set up with either static or DHCP connections, offering wide flexibility.
- Access flexibility: administrator assigns several levels of user rights.
- Users can access software from any computer that is directed to main database.
- Database exists on one computer or server; multiple end user PCs can access database to use program.
- Network can be as simple as one test stand bank, one router and one laptop computer, or have one or many test stand banks exist within a corporate intranet structure.



## MSA Link Pro Software Ordering Information

| P/N      | Description               |
|----------|---------------------------|
| 10123938 | MSA Link Pro Software key |

## GALAXY GX2 System Ordering Information

| GALAXY GX2 SYSTEM TEST STAND            |   |             |  |             |
|---|---|-------------|--|-------------|
|   | 1-Valve (for use with 1 calibration gas cylinder) |             | 4-Valve (for use with 1-4 calibration gas cylinders) |             |
|   | Charging*   | No-charging | Charging*  | No-charging |
| ALTAIR / ALTAIR PRO Single-Gas Detector | –   | 10128644    | –  | 10128643    |
| ALTAIR 4/4X Multigas Detector           | 10128630  | 10128642    | 10128629   | 10128641    |
| ALTAIR 5/5X Multigas Detector           | 10128626  | 10128628    | 10128625   | 10128627    |

\*Contact your local sales representative regarding availability.

| GALAXY GX2 SYSTEM TEST STAND |  |
|------------------------------|--|
| P/N                          | Description  |
| 10105756                     | Electronic cylinder holder                                       |
| 10125135                     | Non-electronic cylinder holder                                   |
| 10127111                     | 4 GB SD card   |
| 10123937                     | Digital secure USB key   |
| 10125907                     | End cap  |
| 10127422                     | ALTAIR 4/4X Detector Multi-unit Charger, NA                      |
| 10127427                     | ALTAIR 5/5X Detector Multi-unit Charger, NA                      |
| 10127112                     | Laminated quick-start guide                                      |
| 10127518                     | 12" (TBR) Ethernet cable for test stand to test stand connection |
| 10126657                     | DIN rail clip kit (2 clips & screws per kit)                     |
| 10062364                     | Type Omega DIN Rail 0.5m, perforated, steel, zinc-plated         |
| 10062365                     | Type Omega DIN Rail 1m, perforated, steel, zinc-plated           |
| 10062366                     | Type Omega DIN Rail 2m, perforated, steel, zinc-plated           |
| 10082834                     | USB IR dongle (for use with MSA Link Software)                   |
| 10034391                     | Demand flow regulator (universal)                                |
| 710289                       | Large capacity (<3000 psi) demand regulator                      |
| 10126268                     | Vehicle power adapter  |
| 10127808                     | Sticker or receipt / sticker printer                             |
| 10126437                     | Detector sticker label roll                                      |
| 10126138                     | Receipt & sticker label roll                                     |
| 10145138                     | Printer ribbon   |

| CALIBRATION GAS |  |
|-----------------|--|
| P/N             | Description  |
| 10048280        | Calibration gas cylinder (34L) 1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S                         |
| 10045035        | Calibration gas cylinder (54L) 1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S                         |
| 10117738        | Calibration gas cylinder (58L) 1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S, 10 ppm SO <sub>2</sub> |
| 10098855        | Calibration gas cylinder (34L) 1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S, 10 ppm SO <sub>2</sub> |
| 10103262        | Calibration gas cylinder (58L) 1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S, 2.5% CO <sub>2</sub>   |

## System Requirements

Listed below are system requirements for software application installation.

| SUPPORTED OPERATING SYSTEMS   | Saleable Part Number  |
|---|---|
| SUPPORTED OPERATING SYSTEMS   | Windows XP x/SP3<br>Windows Vista SP1 or later (x86 / x64)<br>Windows 7 SP1 or later (x86 / x64)  |
| MINIMUM SYSTEM REQUIREMENTS   | Intel / AMD 1 GHz or faster CPU and 1GB RAM<br>Disk space: x86 - 850MB, x64 - 2GB<br>If using an existing SQL database, ensure it is Microsoft SQL 2008 R2 10.5 or later. |
| MSA RECOMMENDED SYSTEM REQUIREMENTS                                 | Intel Core i3 / AMD Phenom II CPU<br>4GB RAM  |
| ADDITIONAL SOFTWARE PROVIDED WITH MSA LINK PRO SOFTWARE APPLICATION | Microsoft .Net Framework 4<br>Windows Installer 4.5<br>GALAXY GX2 System Database User  |

**Note:** This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



**MSA Corporate Center**  
1000 Cranberry Woods Drive  
Cranberry Township, PA 16066 USA  
Phone 724-776-8600  
[www.MSAsafety.com](http://www.MSAsafety.com)

**U.S. Customer Service Center**  
Phone 1-800-MSA-2222  
Fax 1-800-967-0398

**MSA Canada**  
Phone 1-800-MSA-INST  
Fax 1-800-967-0398

**MSA Mexico**  
Phone 01 800 672 7222  
Fax 52-44 2227 3943

**MSA International**  
Phone 724-776-8626  
Toll Free 1-800-672-7777  
FAX 724-741-1559



ID 0818-36-MC / Jan 2013

© MSA 2013. Printed in U.S.A.

[www.MSAsafety.com](http://www.MSAsafety.com)