

# Advanced MSA Link™ Pro Software

Analyze All Data, Any Time



**MSA**  
The Safety Company

### GALAXY GX2 Test Report

Test Date/Time: 21 May 2012 02:57:08 PM

Test Type: Calibration  
Test Result: **Passed**

GX2 S/N: 1  
Company: Company

Instrument: ALTAIR 4X  
Serial Number: 14  
User: SAM  
Department: ENG

Instrument Set Points:					
Sensor	Low	High	STEL	TWA	Range
COMB	10 % LEL	20 % LEL	0 % LEL	0 % LEL	0-100 % LEL
	19.5 %vol	23 %vol	0 %vol	0 %vol	0-30 %vol
	25 ppm	100 ppm	100 ppm	25 ppm	0-2000 ppm
	10 ppm	15 ppm	15 ppm	10 ppm	0-200 ppm

Target Value	Found Value
58 % LEL	58 % LEL
15 %vol	15 %vol
60 ppm	59 ppm
20 ppm	20 ppm

Lot #	Expiration
1	9/2013

Vibrating Alarm

Report... Export to...

Value	Gas Unit
0000000	ppm
0000022	%vol
0000000	% LEL
0000015	ppm
0000023	%vol
0000000	ppm
0000000	% LEL
0000016	ppm
0000000	ppm
0000000	% LEL
0000023	%vol

The software interface on the laptop displays a dashboard with several status indicators: 'Instruments' (Calibration failed: 0, Calibration overdue: 0), 'Bump test' (Bump test failed: 0, Bump test overdue: 0), 'Gas Cylinders' (Low: 0, Empty: 0), and 'General errors' (Connection lost: 0). A 'New Alarm' section shows 'High alarm: 0' and 'Low alarm: 0'. The date is 'Tuesday, January 08, 2013'.



# PRO

Because every life has a ***purpose*** ...



Multilingual capabilities

## 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.

The dashboard shows a 'Current Status' section with two main areas: 'Instruments' and 'GALAXY GX2'. Under 'Instruments', there are four status indicators: Calibration failed (0), Calibration overdue (0), Bump test failed (0), and Bump test overdue (0). A large green checkmark is displayed in the center. Under 'GALAXY GX2', there are four status indicators: Gas Cylinders Low: 0, Gas Cylinders Empty: 0, Gas Cylinders Pending: 0, Gas Cylinders Expired: 0, General errors (0), and Connection lost (0). A large green checkmark is also present here. Below this is a 'Gas Detector Alarms - History' section showing 'Today (Thursday, August 02, 2012)' with 'High alarm' (0) and 'Low alarm' (0), both with green checkmarks. The MSA logo is visible in the bottom right corner.

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

The screenshot shows a 'session log' table with the following columns: Timestamp, Device Type, Serial Number, Event Type, Gas, Alarms Value, and Gas Unit. The table contains several rows of data, including entries for Carbon Monoxide, Oxygen, and Nitrogen Dioxide. On the left side, there are filters for 'DATE RANGE' (Today, Yesterday, Last Week, Last Month, Last 6 Months, Last Year, Custom) and 'DEVICES' (All Devices, ALTAIR, ALTAIR PRO, ALTAIR 4, ALTAIR 4C, ALTAIR 5, ALTAIR 5 R, ALTAIR 5C, ALTAIR 5C DL, Serial Number). The MSA logo is in the bottom right corner.

The screenshot shows the 'General Settings' and 'Calibration & Bump Test' configuration pages. The 'General Settings' section includes 'Bank Name: detLery', 'Language: English', 'Pressure Unit: Bar', and 'Data Log' options. The 'Calibration & Bump Test' section includes 'Twice/die', 'Calibration Interval (Days)', 'Bump Test Interval (Days)', 'Clock Mode', and 'Time' settings. The MSA logo is in the bottom right corner.

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

The screenshot shows a 'GALAXY GX2 Test Report' for a 'Calibration' test. The test date/time is '21 May 2012 02:57:08 PM'. The test result is 'Passed'. The instrument is 'ALTAIR 4X', serial number is '14', user is 'SAM', and department is 'ENG'. The report includes a table of 'Instrument Set Points' and a table of 'Test Results'.

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

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

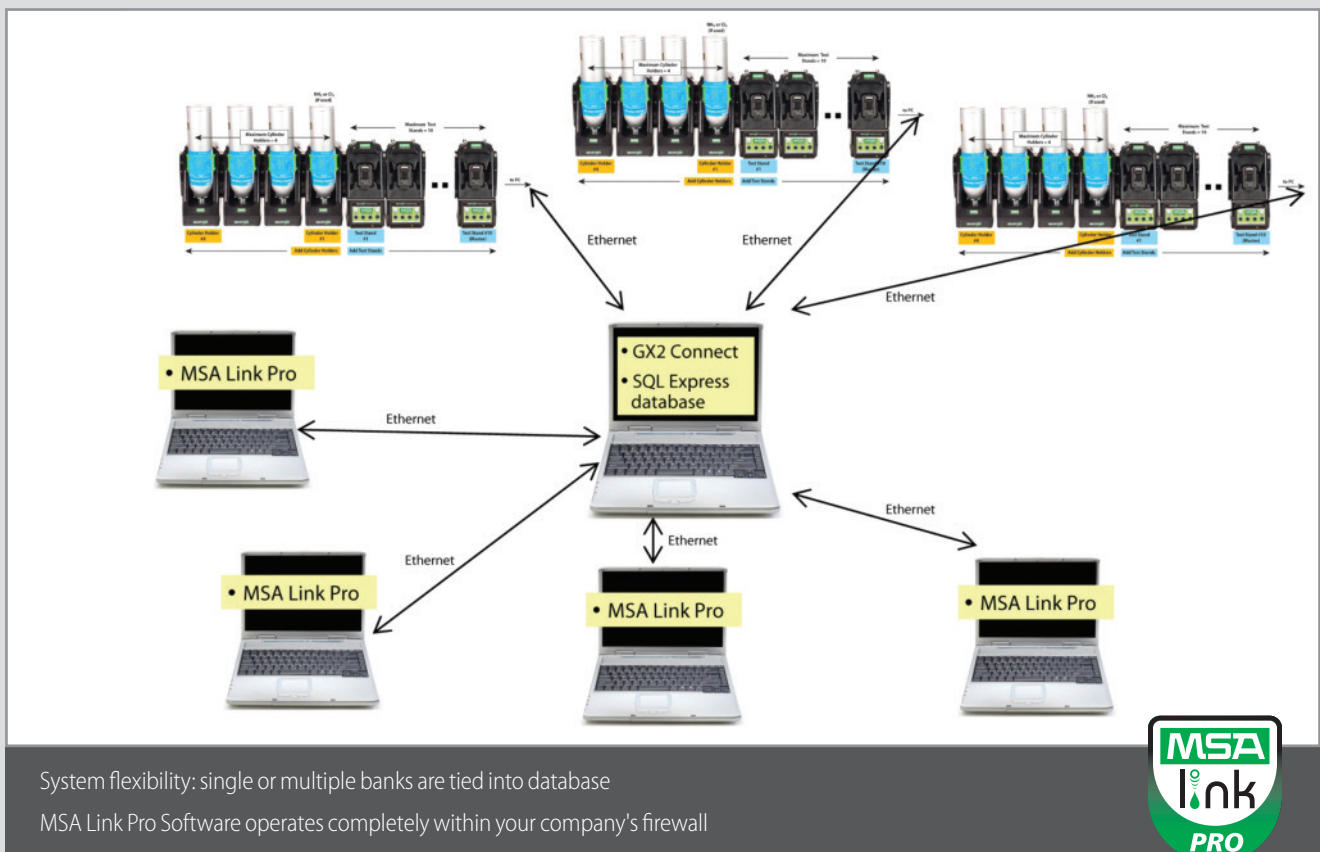
### Fleet Management – Configure and Audit Systems

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 (with UK plug)				
	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
<b>ALTAIR / ALTAIR PRO Single-Gas Detector</b>	–	<b>10128663</b>	–	<b>10128662</b>
<b>ALTAIR 4/4X Multigas Detector</b>	<b>10128659</b>	<b>10128661</b>	<b>10128658</b>	<b>10128660</b>
<b>ALTAIR 5/5X Multigas Detector</b>	<b>10128655</b>	<b>10128657</b>	<b>10128654</b>	<b>10128656</b>

ACCESSORIES	
P/N	Description
10105756	Electronic cylinder holder
10125135	Non-electronic cylinder holder
10127111	4 GB SD card
10123937	Digital secure USB key (black)
10125907	End cap
10127423	ALTAIR 4/4X multi-unit charger
10127428	ALTAIR 5/5X multi-unit charger
10127808	Sticker or receipt / sticker printer
10126437	Detector sticker label roll (2800 labels/roll)
10126138	Receipt & sticker label roll (375 labels/roll)
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)
10126268	Vehicle power adapter
10145138	Printer ribbon

CALIBRATION GAS	
P/N	Description
10128160	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
10053022	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
10122426	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>
10122425	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>
10102853	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.

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

### Your direct contact

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