



# Masoneilan\* and Consolidated\*

ValvKeep

Valve Management & Maintenance Software

Managing the  
Health of Your Valves

# Powerful Asset Management Tool

## Intuitive Innovation

BHGE's ValvKeep tool is an intuitive, easy-to-use, icon-driven software program that records the life events of your valves, providing status reports on valve health, future maintenance planning, and other resource-maximizing functions.

## Functionality at a Glance

- ▶ Secure, Web-Based, Available Real Time 24 Hours/Day
- ▶ Fully Customizable Views
- ▶ Great Search Commands: Find a Valve in Multiple Ways
- ▶ Easy Sort and Selection
- ▶ Store Data Sheets/Test Certificates/Other Reports
- ▶ Document Repairs like a Medical Record System
- ▶ List Parts Touched, Replaced, or Needing to be Replaced at Next Outage
- ▶ Store Images and Generic Attachments
- ▶ Many Analytical Functions, including Trend Analysis
- ▶ Calendar Planning Tool to see Past and Coming Due Valves
- ▶ Link Equipment (Valves, Vessels, Pumps, etc.)
- ▶ Unique Turnaround Cloud to Assist in Planning/Management of TARs
- ▶ Unmatched Flexibility and Functionality



# What Customers Are Saying...

*"I don't need to worry about my data, as it is accessible to me 24/7 through ValvKeep, even from my living room."*

*"When my boiler inspector wanted to see if my valves were in compliance, I simply went to ValvKeep to print out the report—quickly and easily."*

*"When the hurricane blew in and flooded our plant, all of my records were gone. In the future, I will never need to worry about that because I now have everything in ValvKeep."*

*"My boss wanted my turnaround status report first thing Monday morning; it was easy with ValvKeep reports. I was able to provide a valve-by-valve status report without even making a call."*

*"My wife is a doctor and she can get any medical record she needs on a patient, from a cardiogram to an X-ray, at the touch of a button. ValvKeep does the same for me with 'medical records' for each valve, including pictures and diagnostic data. I love having the data at my fingertips. It puts me in control."*

*"With cost pressures and the loss of experienced plant maintenance personnel, keeping track of all the plant assets is overwhelming. With ValvKeep, we get full access to every piece of data on the valve without spending in-house resources to get it done."*

**More than 20 years of customer-driven development equals industry-leading functionality and ease of use.**

**More than 1.5 million valves are tracked globally using ValvKeep: this tool is what you want and need.**



# ValvKeep – Customer Benefits...

How it works for our customers:

**Customer logs into ValvKeep via the web**

**Customer finds valve through valve tree, where all valve types are listed**

**Planner can use the ValvKeep Calendar and Turnaround Cloud to plan valves for repair**

Using a secure login, you can view only your unique data. No one else can see it. Web-based browser access allows your data to be at your fingertips: you are connected in real time to your data. Everything you need to know about your valve is in ValvKeep.

All valves in your facility are organized in a tree-type layout with easy-to-identify icons.

It is easy locating any valve in your plant by service, unit, criticality, etc.

Using multiple calendar views, your valves can be viewed by year, month, day, unit, or service.

Planning a turnaround has never been easier with the Turnaround Cloud. Simply drag and drop the valve to the cloud and it is automatically placed in the schedule.

The screenshot shows the ValvKeep web interface. On the left, there's a 'Valve Tree Functions' sidebar with options like 'Include "Equipment Type" Level' and 'Include "Unit" Level'. Below it is a 'To-Do List' section with tasks like 'GO Thanksgiving Outage' and 'GO Fall outage'. The main area displays a search result for valves, with a table showing columns for 'Equipment', 'Location', 'Status', and 'Last Update'. A large portion of the page is dedicated to a 'Valve Tree' search results grid, listing various valves categorized under different equipment types and units.

The screenshot shows the ValvKeep web interface with a focus on maintenance planning. On the left, there's a 'Next Maintenance Analysis Setup' sidebar with options for 'Select Entries To Use' (All In Grid), 'Equipment Type' (RV, CV, LV, MOV), and 'Analyze Using' (Next Maint Date). Below it is a 'By Valve (Equipment)' calendar for January 2017. The calendar grid shows dates from 1 to 31, with specific valve maintenance tasks scheduled for certain days. The right side of the interface shows a 'Report' section with various analysis tools like 'View Events', 'View Parts Replaced', and 'View Actions/Remarks'.

**Planner uses Turnaround Cloud for reporting progress on TAR**

**Planner can see all details of any valve with a press of a button**

**Planner can see all repair reports, sizing data, etc.**

Need a status on the TAR for the plant manager? Use the Turnaround Cloud to get all the data and reports you need, via your Web browser too.

Click on any valve via the tree and see the detailed data of the valve: nameplate data, size, spring range, material, serial number, etc.

This information is available for any valve—any type and any brand.

Need to get the report for the boiler inspector? No problem.

PMI, MSDS, P&ID, spec sheets, test certifications, etc. are all available—much like the medical records at your doctor's office.

The screenshot shows a software interface titled 'VKCloud 2.0 powered by GE Oil & Gas'. The top navigation bar includes 'ValvKeep', 'AWS', 'MG', 'VKCloud 2.0', 'T/A Cloud', 'Notes', 'Tools', and 'Hot Links'. On the left, there's a sidebar with 'Owners/Plants', 'Valve Tree', 'Repair List', 'Locations', 'Loops', 'T/A Cloud', 'Notes', 'Tools', and 'Hot Links'. The main area has two tables. The first table, 'Repair List', shows three entries: 'Fall outage' (Started By: GO, Job Date: 2016/09/01, Customer PO#: ABC 123456), 'Oct Outage - Gary' (Started By: GO, Job Date: 2016/07/21, Customer PO#: PO # 9995500), and 'Thanksgiving Outage' (Started By: GO, Job Date: 2016/07/22, Customer PO#: PO 56555). The second table, 'Valves & Equipment In Current T/A', lists valves and their details: PSV-1 (Relief Device, Tag Number-CC: STEELER 1, Entry Created: 51, Repair % Complete: 30), PSV-2 (Relief Device, Tag Number-CC: STEELER 2, Entry Created: 51, Repair % Complete: 30), and STEELER 1 (Control Valve, Tag Number-CC: STEELER 1, Entry Created: 30, Repair % Complete: Ac).

The screenshot shows a software interface titled 'VKCloud 2.0 powered by GE Oil & Gas'. The top navigation bar includes 'ValvKeep', 'AWS', 'MG', 'VKCloud 2.0', 'T/A Cloud', 'Notes', 'Tools', and 'Hot Links'. On the left, there's a sidebar with 'Most Recent', 'Gary O', 'All Plants', 'All Units', 'Jump to recently on...', 'Find in global', 'Add ...', 'Reports ...', 'Col In Grid ...', 'Find ...', 'Filter ...', 'Refresh / Clear Filter', 'Export ...', 'Email ...', 'Limit Grid To ...', 'Valve Calendar ...', 'Analysis ...', and 'View the Parts...'. The main area displays a grid of valve equipment details. The columns include Manufacturer, Model Number, Valve Type, Serial Number, Tag Number-, Next Maint Date, and Next Test Date. The data shows various valves from Masonellan, such as Control valves, Globe valves, and Rotary Globes, with details like A-15-123456, H-16-123456, A-08-255, J-16-123456, PITT #1, MX-15-123456, TAG 009, TAG 007, N-12-123456, and A-12-123456, along with their respective manufacturers, serial numbers, and maintenance/test dates.

# ValvKeep – Customer Benefits...

How our service centers work with you:

**Valve leaves the customer site and is going to BHGE's GTC\* or MARC\*1**

**Repair center data is recorded and entered into ValvKeep**

**The valve is then repaired and refurbished; new parts added**

Every valve leaving your plant is either in ValvKeep today or will shortly be logged in.

Think of ValvKeep as a record-tracking tool for any valve.

No matter the type or the brand —LV, MOV, CV, PRV2—ValvKeep records and monitors it.

ValvKeep serves as the main database for all valves and events on the valve.

It fully documents repairs with test information, pictures, and quality information.

All records, past and present, are accessible via the Web.

During the entire repair cycle, data is logged into ValvKeep.

New parts are recorded and notes can be recorded for future repairs.

The screenshot shows the ValvKeep software interface for a valve configuration. At the top, it displays the Tag Number (CC\_PENS IN 7), Model Number (71000), Manufacturer (Masoneilan), Serial Number (H-16-123456), and Date Tested (2016/07/15). Below this, there are two sections: 'Configuration - As Received / As Found' and 'Configuration - As Shipped / As Left'. The 'As Received' section includes fields for Valve Type (Globe), Pressure Rating (600), Ends Connection (SW), Body Type (Flange), and Seat Diam. The 'As Shipped' section includes fields for Valve Type (Globe), Pressure Rating (600), Ends Connection (SW), Body Type (Flange), and Seat Diam. The interface also includes sections for 'Measured Dimensions', 'Parts, Test', 'Test', 'QC, Cost, Next', and 'Side x Side'. On the left side of the interface, there is a sidebar with various icons and links related to the software's features.

The screenshot shows the ValvKeep software interface for managing images. It displays a list of image-related actions: Close, Email, Image Compare, Download (Save), Upload... (Add), Edit..., Delete, Set Images Order, For Repair (3), and For Equipment (0). Below these, there is a section for 'Position: 2 Size: 929 KB' with checkboxes for 'Invisible To Customer' and 'Exclude from reports'. At the bottom, there is a section for 'Original Name: Tech Assy training 4.jpg' and 'Image For: comments Keep brief maximum 3 lines'. There are also three small thumbnail images at the bottom.



1. GTC : Green Tag Center

MARC : Masoneilan Authorized Repair Center

2. LV : Line Valve

MOV : Motor Operated Valve

CV : Control Valve

PRV : Pressure Relief Valve



**The valve is tested to meet quality requirements**

**All valve data is viewable by ValvKeep anytime, anywhere**

**Finally, stay proactive with ValvKeep's "To-Do List" and "Auto E-mail Function"**

As the valve moves through the repair cycle, more data is collected—including testing.

Quality data such as critical dimensions for a valve, or digital signatures on a control valve are all captured and recorded in ValvKeep.

ValvKeep provides the data, history and recordkeeping—and makes everything available to you in real time via the Web. Log into ValvKeep and see all the data—anytime, anywhere. It is your data to see and work with.

With "Auto E-mail", you can have key information on valves in a turnaround sent to you weekly, monthly or on an interval of your choice.

The "To-Do" list allows you to keep in contact with the service provider for key details and never forget them.



BHGE's MARC and GTC Network consist of more than 155 facilities located in more than 30 countries worldwide.

Masoneilan Authorized Repair Centers (MARC) and Consolidated Green Tag Centers (GTC) from BHGE offer you responsive and effective service through OEM-certified repairs, innovative valve diagnostics, management, and maintenance programs. Each MARC and GTC location is staffed with highly qualified technicians who are specially trained and certified to deliver exceptional product support and technical expertise.

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