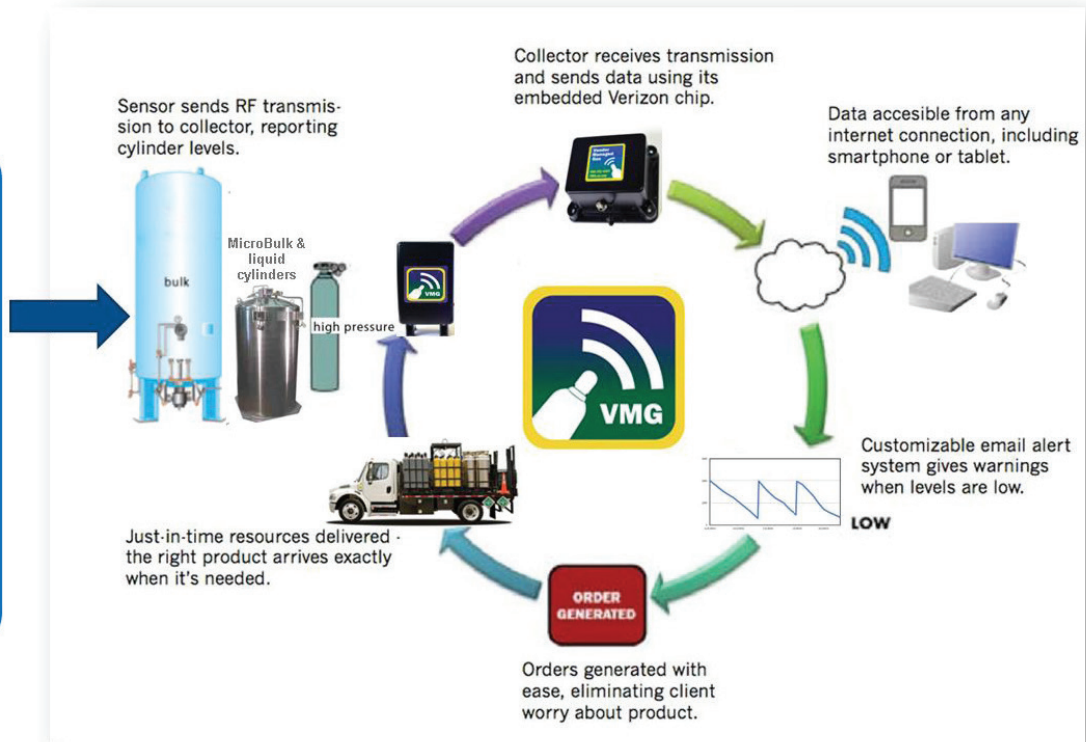| Monitoring Devices	Vendor Managed Gas

Vendor Managed Gas

VMG units on each tank or cylinder measure:

- ✓ Gas levels
- ✓ Ambient temperatures
- ✓ Pressures
- ✓ High flow

Sensor sends RF transmission to collector, reporting cylinder levels.

bulk

MicroBulk & liquid cylinders

high pressure

Collector receives transmission and sends data using its embedded Verizon chip.

Data accesible from any internet connection, including smartphone or tablet.

Customizable email alert system gives warnings when levels are low. **LOW**

Orders generated with ease, eliminating client worry about product.

ORDER GENERATED

Just-in-time resources delivered - the right product arrives exactly when it's needed.

Equipment

Description: Airgas and Vendor Managed Gas have partner to provide a low cost monitoring program for cylinder and bulk applications. A complete system can be preconfigured and installed on our regulators and change over manifolds before they are shipped. This allows for easy start up and instantly providing you information on your gas usage, and eliminates any worries or hassles of running out of gas to your applications, as well not having to install the readers and create the network.

The system can encompass readings for your gas cylinders, MicroBulk, and cryogenic liquid tanks. This one system can gather all of your data, format it into easy to read reports that allow you and Airgas to better manage your business and ensure there are no run outs.

The system will provide you daily customizable reports of your current pressure, usage, email warnings of run out, high usage or leaks. Data can be shared with people within your organization as it is accessible via the internet.

Design Features

- Ability to monitor
- High Pressure cylinders
- Low Pressure cylinders
- MicroBulk tanks
- Bulk tanks
- Liquid Cylinder
- Beverage

Key Uses

- EPA protocol gas standards
- Specialty gas
- Customers who request same day deliveries
- Ability to work with a variety of tanks and cylinders sizes and pressures
- Ability to use data for forecasting run out and reduce on hand inventory of gas cylinders
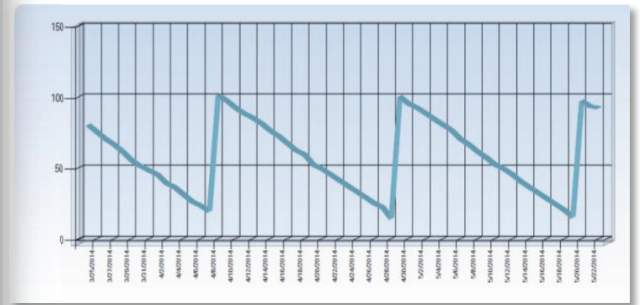- Data analytics

Vendor Managed Gas (Cont.)

Airgas/VMG Control Room monitors your gas supply

Customizable alerts that give warnings when levels are low

Part Number	Description	Dimensions
Y78-C1001P	Collector, GPS Enabled Cellular Activated, Aggregates all of the signals from the sensors and sends them to the cloud. GPS capabilities will allow geotagging.	4.25" x 5/5"
Y78-S1002P	Sensor RF Based Signal Receiver, Receives signal of any compatible measurement device and transmits that information to the collector.	4.5" x 2.75"
Y78-T1003P	Transducer for non-flammable gases	
Y78-TIS1004P	Intrinsically safe transducer for flammable gases	

Equipment