▶ Valve Asset Management Platform

- Manage all your valves and track maintenance evolution over time with access to service documents
- Ensure valve functionality remotely
- Remotely control your CLA-VAL communicating valves securely
- Customize your views to get only information of interest
- Interface your system to **Link2Valves™** via a secured API (Application Programming Interface)
- Entirely secured environment (pen tested)

Asset Management

The CLA-VAL **Link2Valves™** is a valve-oriented web platform, designed to managing regulation sites and valve assets over their lifetime. At any time and from everywhere, access sites information and valve details, such as geographical location, pictures, valve brand, model number, etc. **Link2Valves™** provides an overview of the valve maintenance status, helping the planification of interventions as well as accessing service history details.

Monitoring

Visualize valve sensors and get valve-specific information and health indicator status remotely, ensuring proper regulation.

Remote Control

Link2Valves™ provides the possibility to control a CLA-VAL regulation valve remotely, by changing a regulation profile (pressure, flow, level, etc), modifying a valve control setpoint or change its regulating mode remotely in an entirely secured interface.

Organization and Users Management

Create user groups within the organization and manage levels of access to the various sites and/or valve assets for an optimal control, from a purely visual role to a more advanced operator, able to interact with a valve remotely.

▶ Technical Characteristics

Browser:	**Link2Valves™** is compatible with all recent major web browsers. Minimum version recommended

- Firefox 16 (2012)
- Chrome 4 (2012)
- Opera 12.1 (2012)
- Edge 12 (2012)

User Interface:

- Custom Time Zone
- Website available in various languages
- Download or export of *.CSV data files Custom data display graphs

Database:

- Application Programming Interface (API) option
  - HTTPS connection with security certificates
  - TLS 1.2 cryptography
  - JSON or XML format
- Automatic data export to custom FTPS server option
- Secured partitioning between organizations
- Possibility to recover all historical data at any time

Security:

The CLA-VAL **Link2Valves™ complete environment has been pen tested against vulnerability**

- Accounts protected against brute force attacks
- 2-factor authentication access possibility
- HTTPS connection with verified certificates
- TLS 1.1 cryptography (or more recent)
- Secured communicating devices interface with no direct access possible
- Physically and logically secured servers