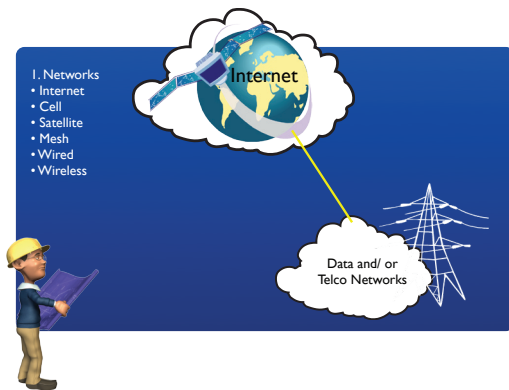


## DAV Technology



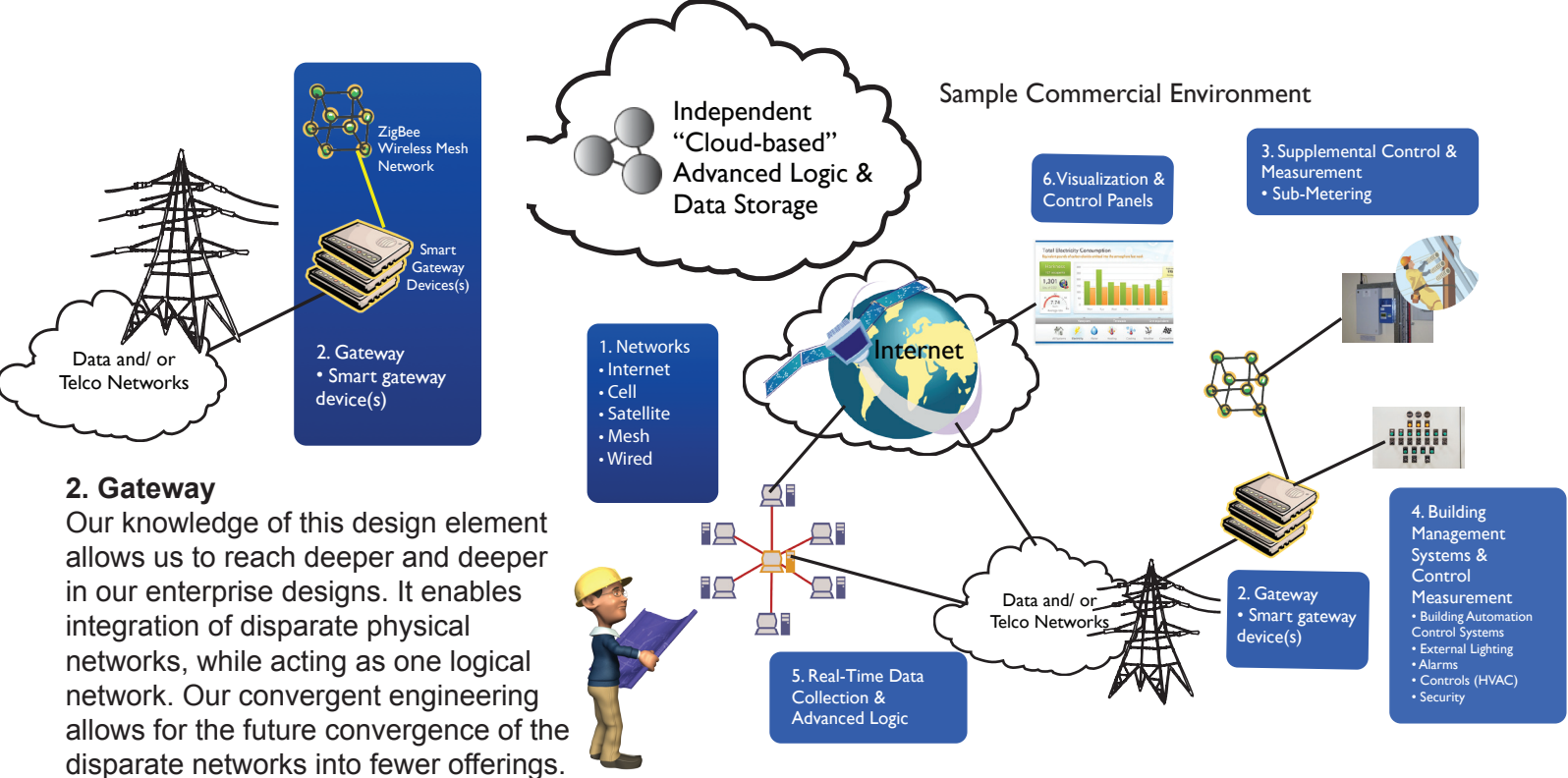
### 1. Network Based Designs

We emphasize network based solutions for two reasons:

1. We drive human interfaces closer to the point of need or source of event, resulting in greater productivity and accuracy.
2. We interface to machines, assets, sensors, and controls for greater effectiveness of the target result.

The design of a network based solution must be considered in the context of available and cost effective communications offerings. It is too frequently the case that network based systems are designed

piecemeal, with results that are needlessly complex or are a poor match for the intended applications. At Digital AV we design Network-based solutions that are independent of major vendors who have a tendency to create proprietary solutions even with open standards.

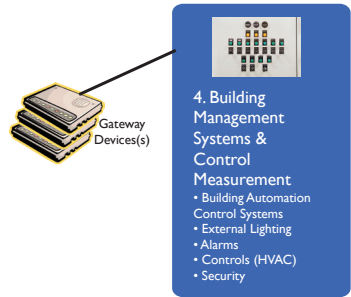


## 2. Gateway

Our knowledge of this design element allows us to reach deeper and deeper in our enterprise designs. It enables integration of disparate physical networks, while acting as one logical network. Our convergent engineering allows for the future convergence of the disparate networks into fewer offerings.

## 3. Supplemental control and measurement

This design element allow us to go beyond the meter, walls, and existing control systems into greater levels of granularity than other designs achieve. This can start with traditional sub-metering at the circuit level, but then go out to any asset for ultimate control and measurement. Using this scheme assets can be classified and enabled for fully automated curtailment with different levels of authority (utility, corporate energy manager, building mgr, etc.). It can also add additional data points to existing control systems for continuous commissioning and fault detection purposes. The use of new robust wireless mesh designs in achieving this element provides flexibility and low cost in supplemental designs that provide better quantification and verification of results.

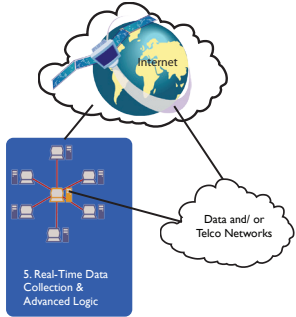


## 4. Building Management and Control Systems

We use all existing or planned systems as an integral part of our designs. However, our designs normalize any proprietary tendency of these systems to allow higher level integration of systems within a building and then multiple buildings within an enterprise. Significant savings can be achieved at higher levels of integration through fault detection and more complex energy logic than can be achieved at a local loop design. In addition we can use our supplemental design element to reach greater granularity in measurement and control than existing systems provide without obsolescence of your previous investment.

## 5. Real-time data collection and advanced logic

This design element when coupled with our advanced network design creates our unique "cloud or network centric computing and storage". Without this element or its correct design many expensive features are paid for in each control point and are either seldom used or ineffectively used. Top to bottom, data and logic, correctly integrated is the difference maker. Lower cost and better quality are achieved in proper understanding of this design element used with its distributed counterpart. Digital Convergence will always make this design element a smarter decision.



## 6. Visualization and control panels

The proper design at all other elements allows this design element to occur. Anytime, Anywhere, and Any level of visualization and control (effective human interfaces) are what we have done since 1983. What gets done and how effectively all comes down to this design element.