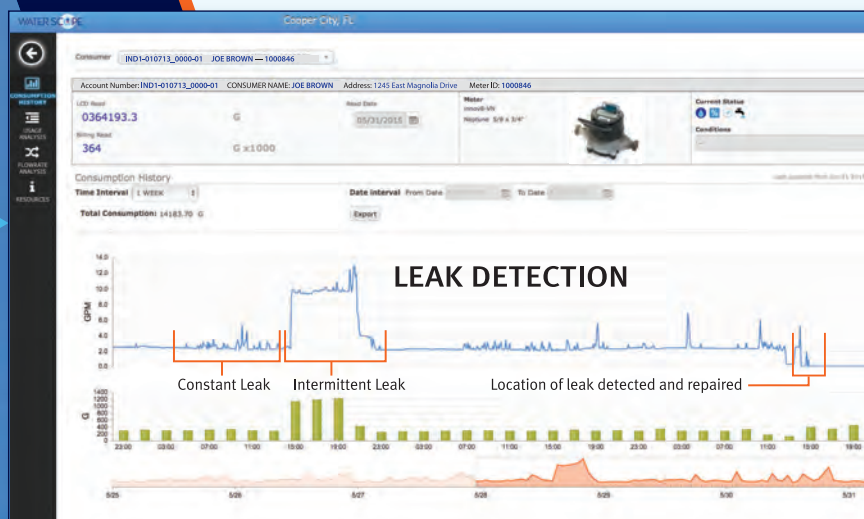


VN Virtual Network

Transparent Technologies has teamed with the country's largest wireless network provider to offer the Virtual Network system for water utilities. The VN System communicates over the existing Verizon Wireless network which means no new infrastructure, no installations or maintenance hassles, and superior performance. The "virtual network" allows for immediate deployment of endpoints and utilization of high-resolution interval data.



The VN system requires **no new infrastructure** and provide 5-min data resolution.

Universal Endpoints can be deployed on virtually any existing meter.



Machine-To-Machine

Hydrant /Construction Meter Application

Introducing the **Voyager 3" Hydrant Meter** with VN cellular-based registers. Existing hydrant meters may be retrofitted with the VN register depending on manufacturer. The meters will report in every day with readings and consumption history, even when you are not sure of where they are. Talk to your local Metron-Farnier/Transparent Technologies representative to discuss your 3" new hydrant meter applications or to verify if a VN register is compatible with your existing hydrant meters.



Irrigation/Watering-Event Monitoring System

Waterscope provides the most granular data for monitoring watering events of *any* AMI system. Continuous 5-minute sampling of consumption will monitor and alert for the following events EVERY day:

- Set the system for voluntary or mandatory restrictions
- Tracks the number of times the property waters per day and week
- Tracks the time of day the watering event occurs
- Utilizes the billing system interface to track odd and even address adherence to watering restrictions
- No longer will there be a need for time consuming and expensive "water cops"
- All consumption history will be accessible via the Utility portal for enforcement and Consumer portal so that property owners can verify adherence or be alerted when watering events violate current restrictions.

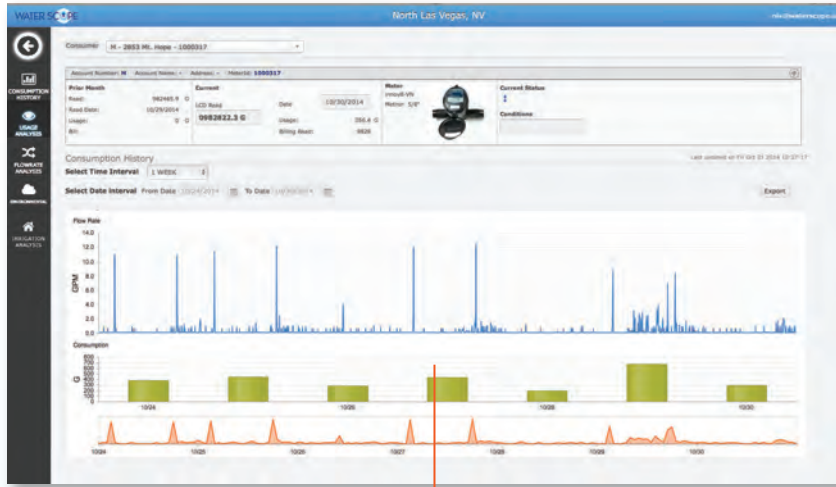


Utility and Consumer Access – Meter Analytics Website



Powered by:

verizonwireless



Interactive Rate of Flow

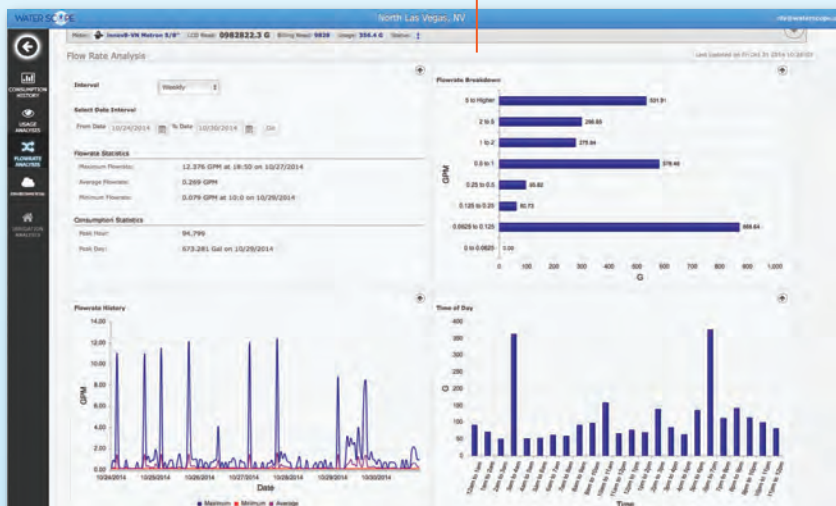


Identification of the Type
of Water Consumption

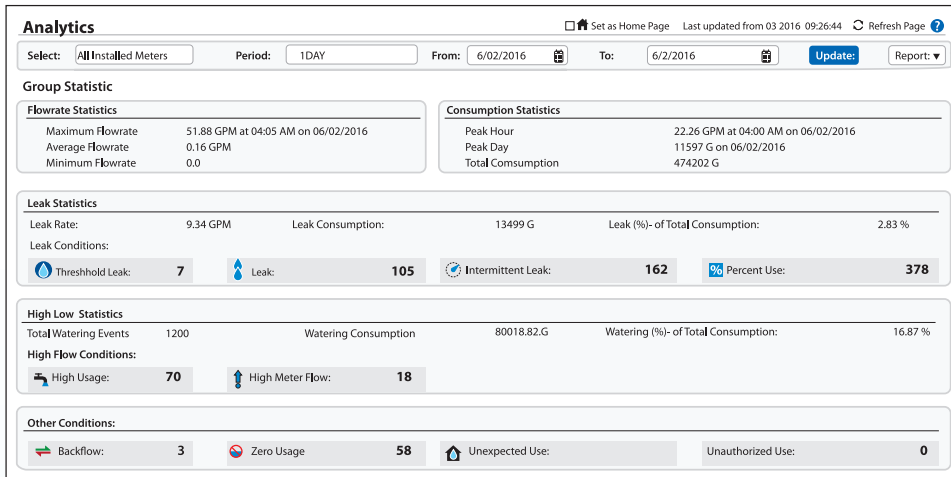
Meter Sizing, Time of Use
and Flow Rate Percentages

Virtual Network (VN) Features and Benefits

- **Completely Scalable Deployment:**
Install 1 or entire system today ~ Read them tomorrow ~ No Infrastructure installation, ownership or maintenance ~ Free unlimited access to Water Scope website for daily reading, high-level analytics, billing and usage profiles ~ Strategic deployment accounts include:
 - Commercial / Industrial / Large Users
 - Hard Access Customers
 - Military Bases
 - Chronic Complainers
 - Fill in holes in existing AMI Systems
 - Hydrant / Construction Meters
- Retrofits to most modern mechanical meter bodies ~ No need to change meter
- Increase existing PD/Piston meter accuracy to beyond new meter specifications.
- **Connects directly to the Verizon Network:**
No Propagation Studies, *No* Hardware, *No* Software, *No* Servers, *No* Support Costs, *No* Network Headaches
- Industry leading 5-minute continuous sampling and Sub 1/10th GPM resolution
- Highly-evolved Utility and End-User access via T2's Water Scope secure portal
- Secure cloud storage through the Microsoft Azure platform

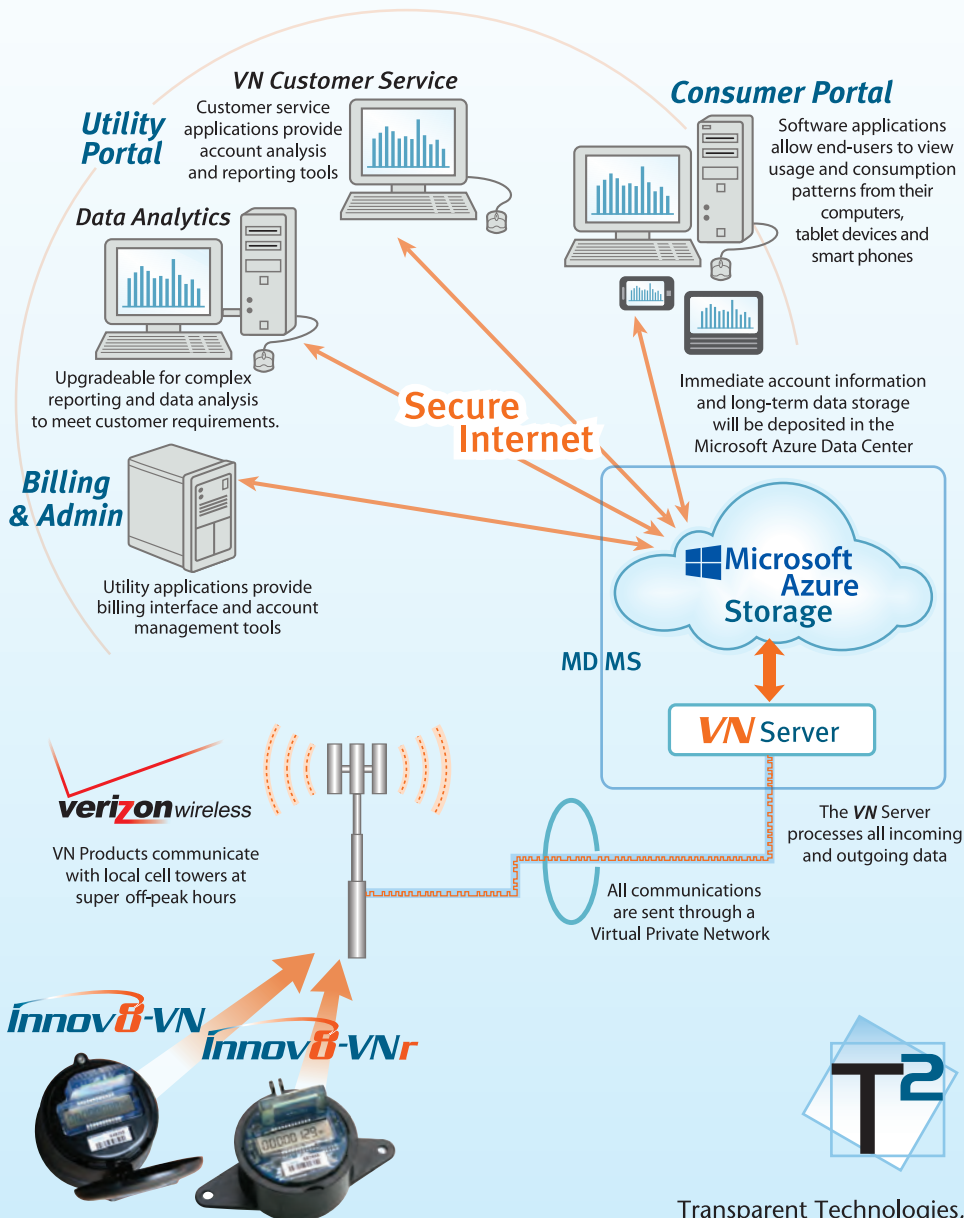


System-Wide Daily Analytics



- System Overview for Daily, Weekly, Monthly & Utility-Selectable Dates (customizable groups)
- Max/Min/Average flow rates with timestamp for the selected time interval
- Summary of System Leaks – rate of flow, number of leaks, number of threshold leaks and number of leaky toilets
- High-Flow Condition Synopsis
- Irrigation/Watering Event Conservation Adherence
- Number of Backflow, Zero Use, Unexpected and Unauthorized-Use Events

How the system works is simple and concise.



Compatibility list

- Sensus SR-II
 - Sensus Precision
 - Metron
 - Badger
 - Neptune
 - Elster-AMCO
- Check with your local T2 Rep for pending models



Compatibility list

- Metron
- Sensus Encoder
- Hersey
- Elster-AMCO
- Ultrasonic
- Badger Pulse & Encoder
- Neptune Encoders
- Switch Closures
- Active Pulse
- Master Meter
- Magmeter



TRANSPARENT TECHNOLOGIES™
Advance Metering Analytics

Innov8-VN registers or innov8-VNr stand-alone units measure water and monitor consumption patterns

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