



Simply Innovative - True Utility Data



# Encoded Submetering Systems

Simply Innovative - True Utility Data



## Customer Benefits

- Encoded Meter Data
- Improve Service Quality
- Save Time / Money
- Enhance Customer Relations
- Increase Customer Retention
- Eliminate Billing Disputes
- Build Customer Trust

## Solution Features

- Utility Grade Hardware
- Turn Key Solution
- Easy Reporting & Integrations
- System Intelligence
- Regulatory Compliance
- Future Proof Technology
- 150 Years of Industry Experience

Powered by:



WWW.TRUETY.COM

# Truety is a Utility Grade Turn Key Solution

## Flexible To Meet All Market Requirements

### METERS / SENSORS

- Residential & Commercial
- NSF61-G Brass Construction
- True Encoded Data
- Indoor & Outdoor
- Cold & Hot
- Long Battery Life
- Long Range Wireless



### DATA COLLECTORS

- Long Range
- Open LoRaWAN Standard
- Long Lasting
- 128-Bit Encrypted Security

### DATA MANAGEMENT / ANALYTICS

- Intuitive, Easy to Use Portal
- Integrate with any Billing Provider or RBC

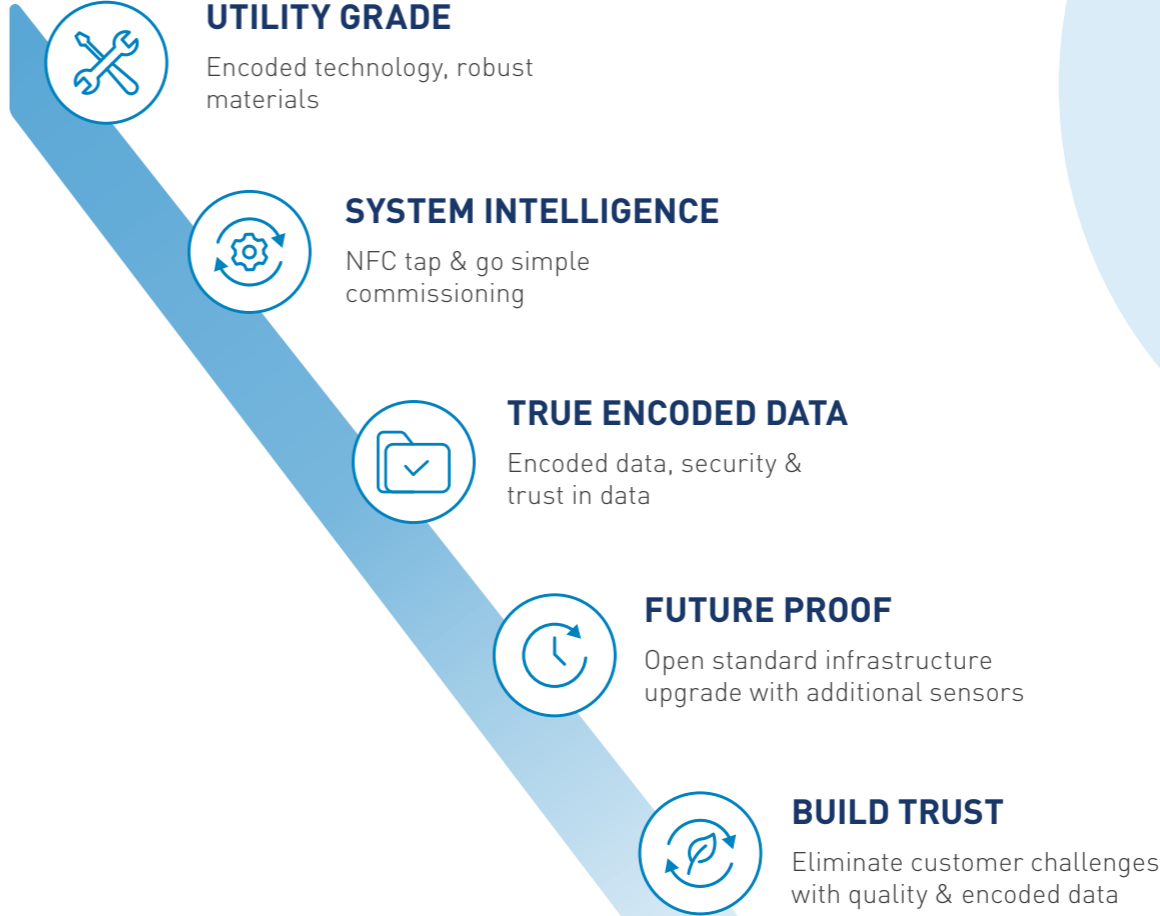
### SYSTEM

- Tap & Go Verification
- Automated Commissioning
- Self-Healing
- CX Mobile App

Truety is North America’s first intelligent, encoded and utility-grade submetering solution. Truety combines proven and reliable encoded readings with robust and highly accurate metering devices. Secure wireless LoRaWAN communications and a mobile NFC based tap & go verification system will streamline your operations. The Truety ecosystem eliminates errors, improves quality and builds trust.

# Truety Customer Benefits – Utility Grade System Intelligence

## Why Truety?



Many existing submetering systems are built for one reason – lowered cost. This all but guarantees challenges in the future. Truety is powered by GWF & QMC who collectively have > 150 years of utility metering experience. Truety will eliminate challenges suffered from poor hardware quality, obsolete meter communications such as pulse and inaccurate deployments. Truety takes the guesswork out of metering by eliminating estimates and ending customer disputes.



# Truety – Ease of Use & Flexible Deployment Options

The Truety solution is engineered specifically for multifamily, manufactured homes, commercial properties and utility service providers to improve their operational quality and service commitments to their clients. Enjoy a complete product portfolio to meet the needs of any requirement.



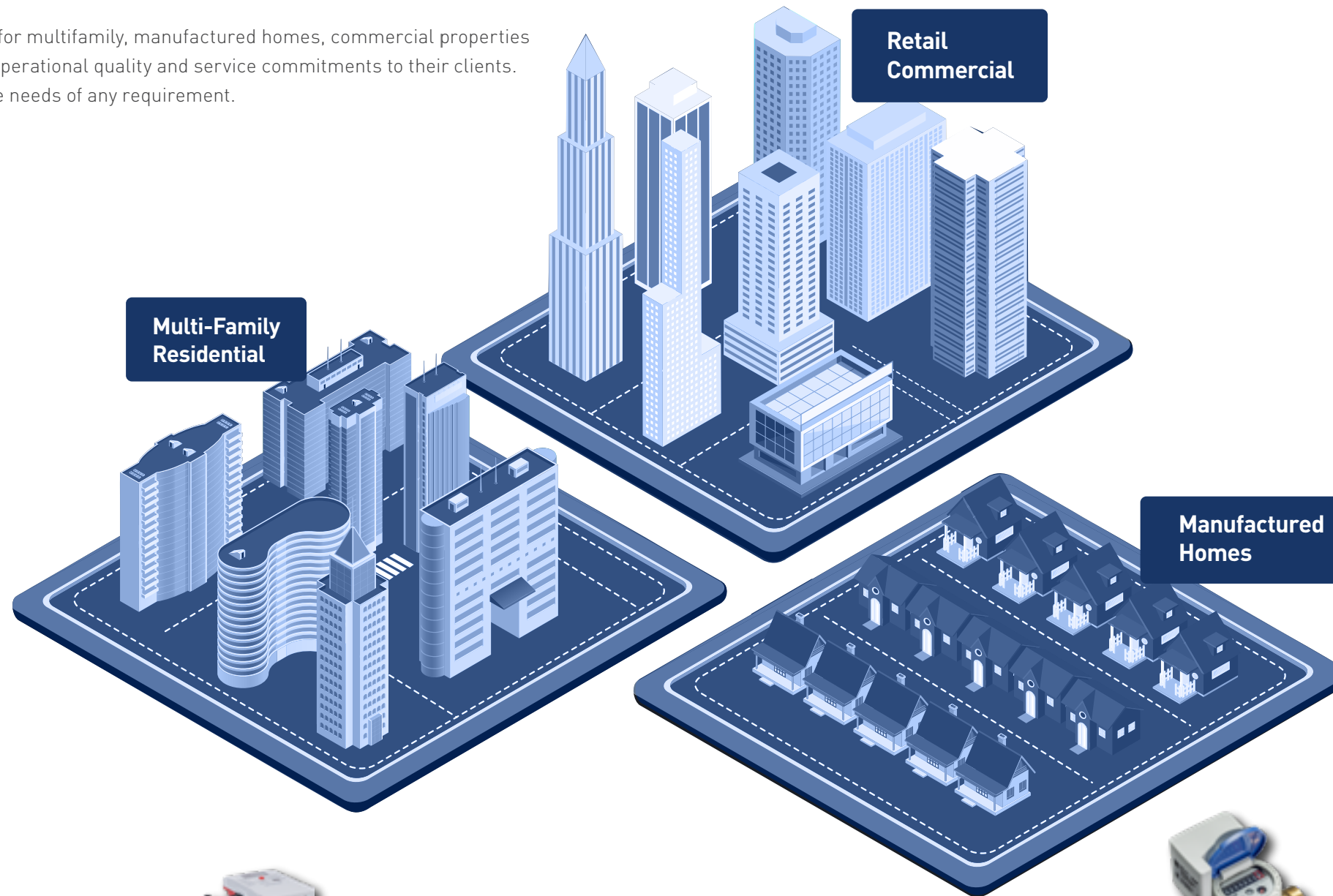
## UNIC0e

- Integrated Battery & LoRaWAN Radio
- True Encoded Data 1", 1.5"
- NTEP/CTEP, NSF61-G
- >10 Year Battery



## IoT Sensors

- Leak
- Temperature
- Humidity
- Wireless LoRaWAN



**Multi-Family Residential**

**Retail Commercial**

**Manufactured Homes**



## MTe COLD, HOT

- Integrated Battery & LoRaWAN Radio
- True Encoded Data 1", 1.5"
- NTEP/CTEP, NSF61-G >10 Year Battery



## MTCoder COLD H200 OUTDOOR

- Integrated Battery & LoRaWAN Radio
- True Encoded Data 1", 1.5"
- NTEP/CTEP, NSF61-G >15 Year Battery



## UNICOCoder H200 OUTDOOR

- Integrated Battery & LoRaWAN Radio
- True Encoded Data 1", 1.5"
- NTEP/CTEP, NSF61-G >15 Year Battery



## ULTRAMAXX

- BTU Thermal Meter
- Combined Heating Cooling
- ASTM Approved



# System Intelligence With Advanced Technologies



## FUTURE PROOF TECHNOLOGY

- Scalable LoRaWAN Technology
- Futureproof Standard
- Building Intelligence with Additional IoT Sensors (Leak, Flood, CO<sup>2</sup>, Etc)



## TOTAL COST OF OWNERSHIP

- Optimized Deployment
- Improved Device Longevity
- Best-in-Class Accuracy
- Reliability
- Utility Grade
- Eliminate Customer/Billing Issues



## EASY TO USE

- Tap & Go Commissioning
- Automated Documentation
- Eliminate Errors
- Improve Quality



## TRUETY PORTAL

- Integrate with any Billing or Solution Provider
- Advanced and Automated
- Improve Operational Efficiency
- System Intelligence



## TRUETY CX APP

- NFC Tap & Go Functionality
- Android & iOS
- Automated Documentation
- Real-Time User Feedback
















## TRUE ENCODED DATA

- 100% Encoded Metering Devices
- Hourly Intervals
- Alerts/Alarms
- Never Make Estimates
- Eliminate Customer Disputes



# Truety Products

Name	Image	Benefits	Specifications	Application
<b>UNICOe (Hot/Cold)</b>		<ul style="list-style-type: none"> <li>• Integrated battery &amp; LoRaWAN radio</li> <li>• Robust brass construction</li> <li>• Long lasting</li> <li>• Precision accuracy</li> </ul>	<ul style="list-style-type: none"> <li>• True encoded data</li> <li>• NTEP/CTEP</li> <li>• NSF61-G</li> <li>• &gt;10 year battery</li> </ul>	<ul style="list-style-type: none"> <li>• Residential 3/4"</li> <li>• Indoor</li> <li>• Truety integration</li> </ul>
<b>MTe (Hot/Cold)</b>		<ul style="list-style-type: none"> <li>• Interated battery &amp; LoRaWAN radio</li> <li>• Robust brass construction</li> <li>• Long lasting</li> <li>• Precision accuracy</li> </ul>	<ul style="list-style-type: none"> <li>• True encoded data</li> <li>• NTEP/CTEP</li> <li>• NSF61-G</li> <li>• &gt;10 year battery</li> </ul>	<ul style="list-style-type: none"> <li>• Residential</li> <li>• Indoor</li> <li>• Commercial 1", 1.5"</li> <li>• Truety integration</li> </ul>
<b>UNICOcoder (Hot/Cold)</b>		<ul style="list-style-type: none"> <li>• Robust brass construction</li> <li>• Wireless</li> <li>• Long lasting</li> <li>• Precision accuracy</li> </ul>	<ul style="list-style-type: none"> <li>• True encoded data</li> <li>• NTEP/CTEP</li> <li>• NSF61-G</li> <li>• IP68 (cold)</li> </ul>	<ul style="list-style-type: none"> <li>• Residential</li> <li>• Indoor</li> <li>• Integrate with Truety, Tehama, Next Century</li> </ul>
<b>UNICOCoder H200</b>		<ul style="list-style-type: none"> <li>• Long range</li> <li>• Tap &amp; go verification</li> <li>• True encoded data</li> <li>• Utility grade</li> <li>• Precision accuracy</li> </ul>	<ul style="list-style-type: none"> <li>• &gt;15 miles range LoS</li> <li>• &gt;15y battery</li> <li>• IP68 outdoor rated</li> </ul>	<ul style="list-style-type: none"> <li>• Commercial 1", 1.5"</li> <li>• Indoor</li> <li>• Integrate with Truety</li> </ul>
<b>MTCoder H200 (Hot/Cold)</b>		<ul style="list-style-type: none"> <li>• Robust brass construction</li> <li>• Wireless</li> <li>• Long lasting</li> <li>• Precision accuracy</li> </ul>	<ul style="list-style-type: none"> <li>• True encoded data</li> <li>• NTEP/CTEP</li> <li>• NSF61-G</li> <li>• &gt;15 year battery</li> <li>• IP68 outdoor rated (cold)</li> </ul>	<ul style="list-style-type: none"> <li>• Residential</li> <li>• Commercial 1", 1.5"</li> <li>• Indoor</li> <li>• Integrate with Truety</li> </ul>
<b>RCM H200</b>		<ul style="list-style-type: none"> <li>• Encoded long range radio</li> <li>• Utility grade</li> <li>• &gt;15 miles range LoS</li> <li>• &gt;15y battery</li> <li>• IP68 outdoor rated (cold)</li> </ul>	<ul style="list-style-type: none"> <li>• NTEP</li> <li>• LoRaWAN</li> <li>• IP68 Outdoor Rated (Cold)</li> <li>• FCC/IC</li> </ul>	<ul style="list-style-type: none"> <li>• Residential</li> <li>• Commercial</li> <li>• Indoor/outdoor</li> <li>• Compact/split</li> <li>• Truety integration</li> </ul>
<b>Outdoor Gateway</b>		<ul style="list-style-type: none"> <li>• Easy installation</li> <li>• No set up required</li> <li>• Back up battery</li> <li>• Cell modem included</li> <li>• Cost-effective</li> <li>• LoRaWAN</li> </ul>	<ul style="list-style-type: none"> <li>• FCC/IC</li> <li>• UL, CSA</li> <li>• 128 bit encryption</li> <li>• Outdoor rated</li> </ul>	<ul style="list-style-type: none"> <li>• Residential</li> <li>• Commercial wireless</li> <li>• Indoor</li> <li>• LoRaWAN</li> </ul>

Name	Image	Benefits	Specifications	Application
<b>Indoor Gateway</b>		<ul style="list-style-type: none"> <li>• Easy installation</li> <li>• No set up required</li> <li>• Back up battery</li> <li>• Cost effective</li> <li>• Cell modem included</li> <li>• LoRaWAN</li> </ul>	<ul style="list-style-type: none"> <li>• FCC/IC</li> <li>• UL, CSA</li> <li>• 128 bit encryption</li> <li>• 4-hour battery back up</li> </ul>	<ul style="list-style-type: none"> <li>• Residential</li> <li>• Commercial wireless</li> <li>• Indoor</li> <li>• LoRaWAN</li> </ul>
<b>Leak Sensor</b>		<ul style="list-style-type: none"> <li>• Real-time leak/flood alarm</li> <li>• Temp/humidity</li> <li>• Protect assets from water damage</li> </ul>	<ul style="list-style-type: none"> <li>• IP67 waterproof</li> <li>• LoRaWAN wireless</li> <li>• 5/10 year battery life</li> <li>• NFC configuration</li> </ul>	<ul style="list-style-type: none"> <li>• Water leak detection</li> <li>• Temperature</li> <li>• Humidity</li> <li>• Truety integration</li> </ul>
<b>Thermal Meter</b>		<ul style="list-style-type: none"> <li>• Exact energy calculation</li> <li>• Long-term stable and reliable</li> <li>• Simple installation</li> <li>• Robust design</li> </ul>	<ul style="list-style-type: none"> <li>• BTU</li> <li>• Combi heating &amp; cooling</li> </ul>	<ul style="list-style-type: none"> <li>• Residential</li> <li>• Commercial</li> <li>• Wired M-Bus</li> </ul>
<b>Truety CX App</b>		<ul style="list-style-type: none"> <li>• Improve quality</li> <li>• Save time &amp; money</li> <li>• Tap &amp; go verification</li> <li>• Automated documentation</li> <li>• Real-time user feedback</li> </ul>	<ul style="list-style-type: none"> <li>• Android</li> <li>• iOS</li> <li>• NFC</li> </ul>	<ul style="list-style-type: none"> <li>• Deployment of UNICOe</li> <li>• Deployment of MTe</li> <li>• IoT sensors &amp; gateways</li> </ul>
<b>Truety Portal</b>		<ul style="list-style-type: none"> <li>• Easy to use &amp; intuitive portal</li> <li>• Project administration</li> <li>• API &amp; reports</li> <li>• Alerts, alarms, notifications</li> </ul>		<ul style="list-style-type: none"> <li>• Project administration</li> <li>• System deployment</li> <li>• API to RBC</li> <li>• Alerts &amp; alarms</li> <li>• Notifications</li> </ul>
<b>Charles Display</b>		<ul style="list-style-type: none"> <li>• Centralized wireless meter display</li> <li>• Encoded meter data</li> <li>• Save time &amp; money</li> <li>• Eliminate individual unit displays</li> </ul>	<ul style="list-style-type: none"> <li>• True encoded data</li> <li>• CTEP approved</li> <li>• Wireless or wired applications</li> </ul>	<ul style="list-style-type: none"> <li>• California</li> <li>• Residential &amp; commercial</li> <li>• Indoor</li> <li>• Truety integration</li> </ul>

## California

Present State legislation (*California SB-7*) requires that each customer that is charged for water consumption has immediate and easy access to their water meter to verify the meter reading on the actual meter dial. The requirement of this legislation is backed by customer protection from poor quality meters, meter readout systems and billing transparency. Most new construction of multifamily buildings do not specifically allow for direct physical access to individual suite water meters. This has created a market requirement for a meter display unit. **Truety provides for approved encoded wireless water meters and a CTEP approved wireless lobby display to save time/money and improve customer experience.**

Truety is compliant with all applicable regulations and certifications such as CTEP, NTEP, NSF61-G, FCC, IC, New York State Agriculture & Markets.

## About QMC + GWF

With over 150 years of combined industry experience, QMC and GWF are the experts and innovators that bring Truety to you.

QMC leads the industry in intelligent submetering solutions. QMC helps building owners and occupants conserve energy and save money through the submetering of a building's utilities: electric, water, thermal and gas. Vancouver-based with offices across Canada and USA, QMC has extensive experience in measurement system technologies, deployments, regulations & software applications. [qmc.com](http://qmc.com)

GWF is the leading company for flow measurement and consumption data acquisition of gas, water, electricity and heating in Switzerland. We offer our customers trend-setting system solutions for the acquisition, communication and management of measurement data.

GWF is a Swiss family-owned company with over 270 employees and a success story spanning more than 120 years and is your innovative partner for metering systems and meter data management. [gwf.ch](http://gwf.ch)

## Certifications



Agriculture and Markets




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**QMC + GWF**




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