

WebGate® System Overview March, 2003



muNet® WebGate® System

- WebGate System Overview

- WebGate Products

- Residential: WebGate iRISTM IP Interface

- Commercial: WebGate iCISTM IP Interface

- Back-Office: WebBotTM Software

- Load Management: WebGate IP Controller

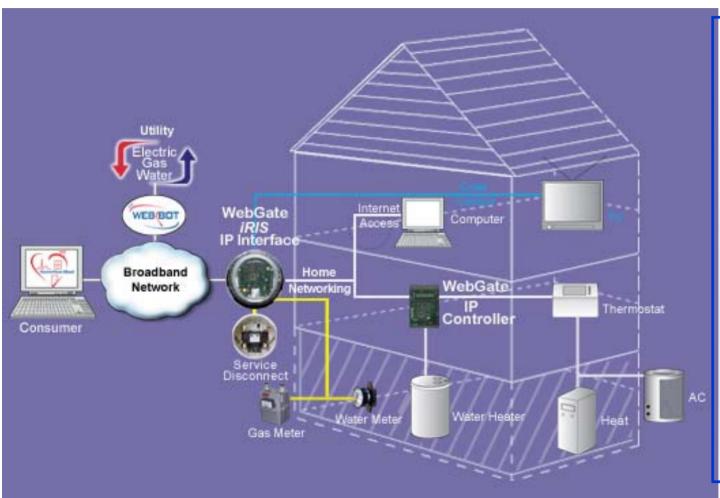
- WebGate System Value Proposition



WebGate System Overview



A Business-Ready IP Interface Located at the Electric Meter



Applications

- Advanced AMR
- Device control
- System monitoring
- Appliance monitoring
- Event notification

Derived Services

- Energy auditing
- Load curtailment
- Real-time pricing
- Energy management
- Remote servicing
- Failure prevention
- Remote upgrades
- Remote provisioning

Cable Applications

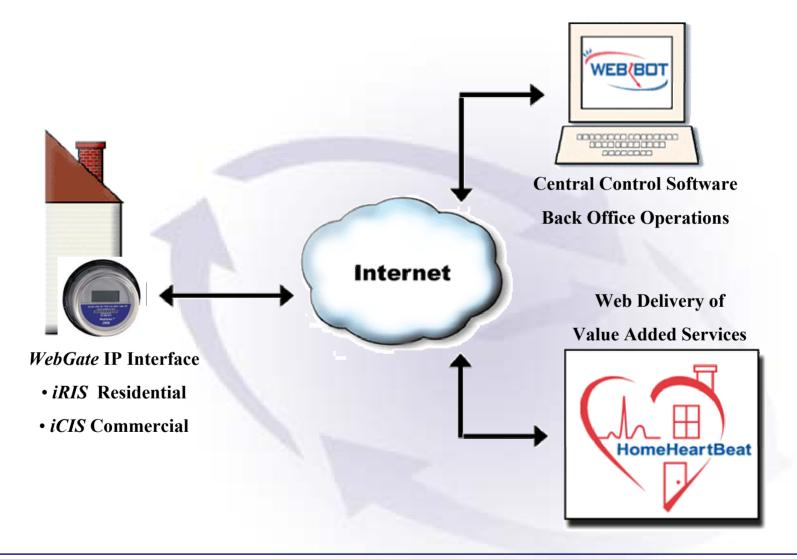
- Internet access
- Installation efficiencies
- Network Management
- Coax disconnect



WebGate Products



muNet WebGate System Components





WebGate iRIS Under-the-Glass Technology





Off-the-shelf



WebGate Unit

- Open standards
- IP-based
- Expandable

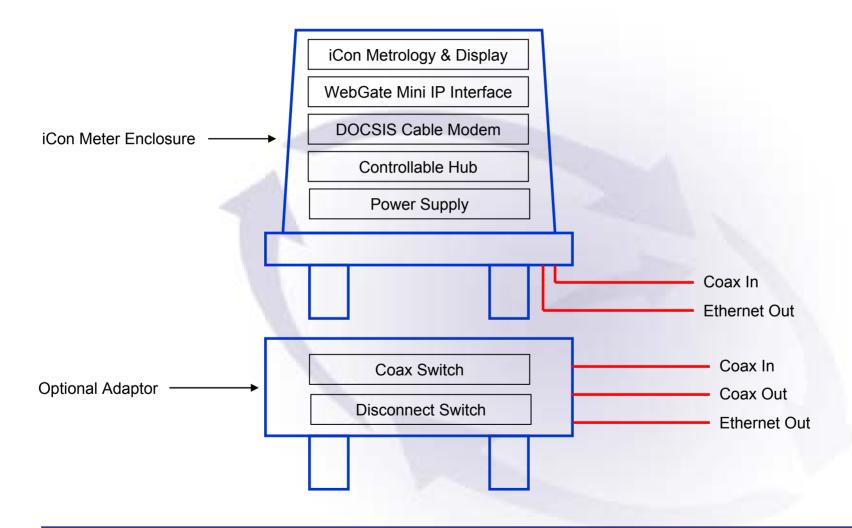


Installation

Under the electric meter glass

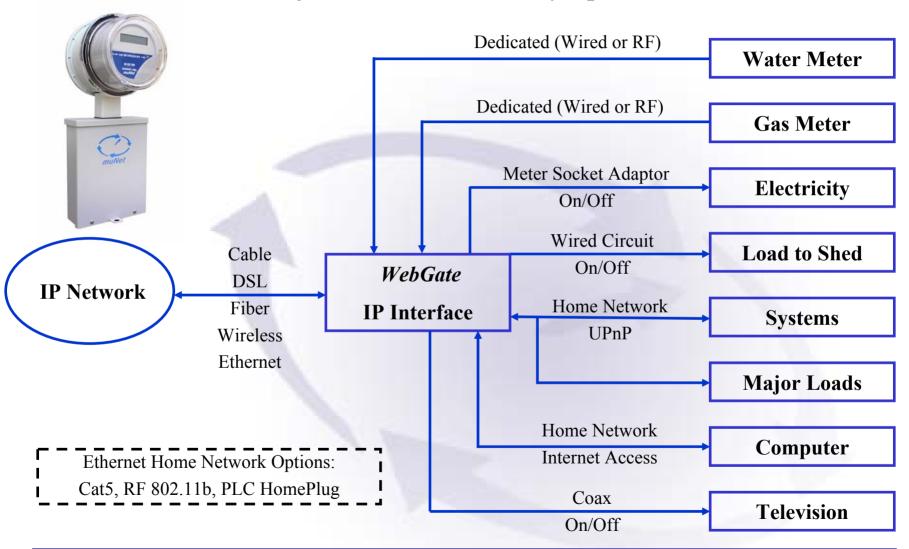


WebGate Mini IP Interface iCon Meter Based Target Configuration



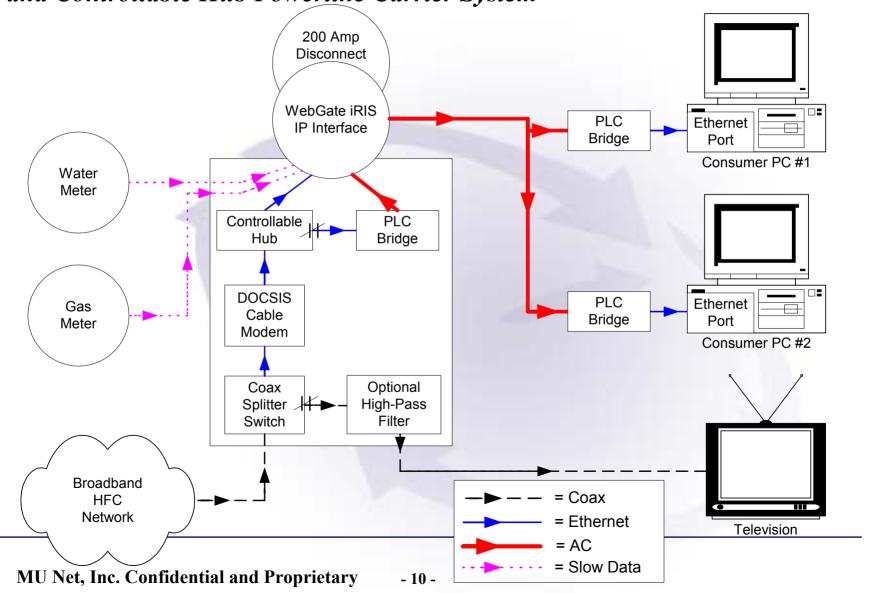


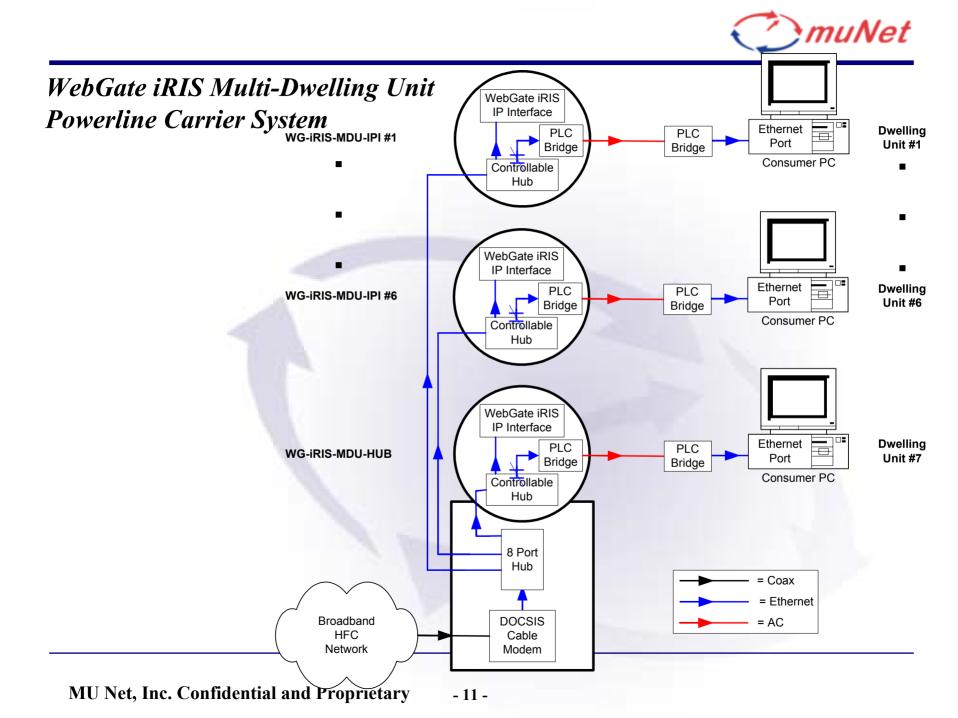
WebGate iRIS IP Interface Home Connectivity Options





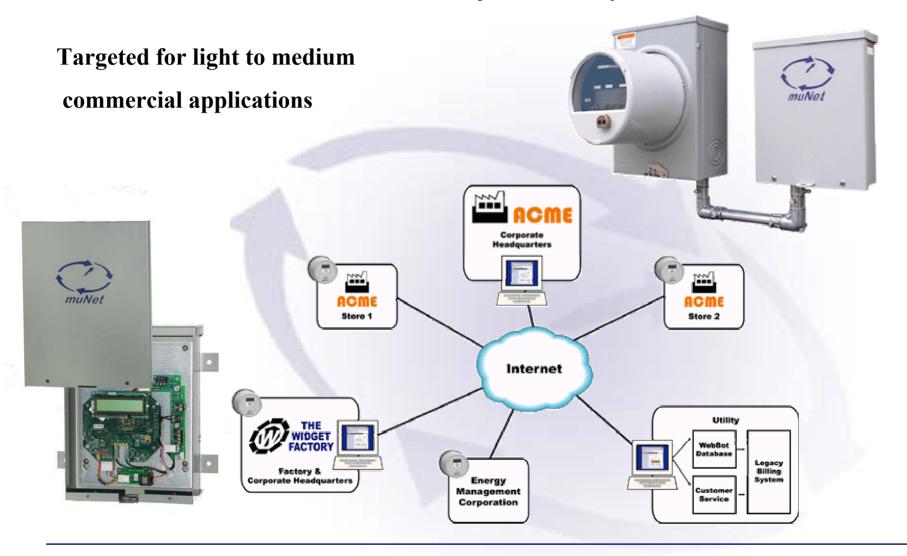
WebGate iRIS, 200 Amp Disconnect, Water and Gas Meter, Coax Switch and Controllable Hub Powerline Carrier System



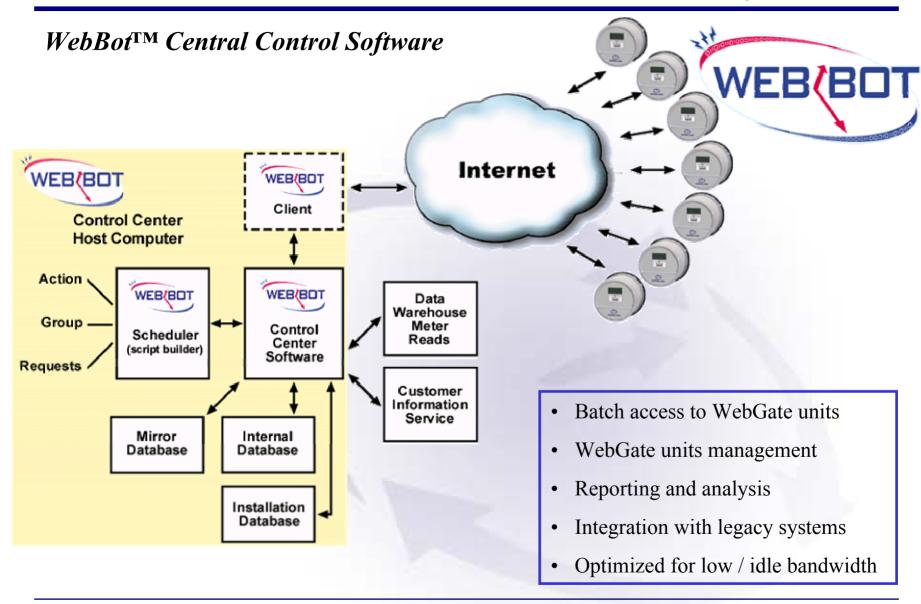




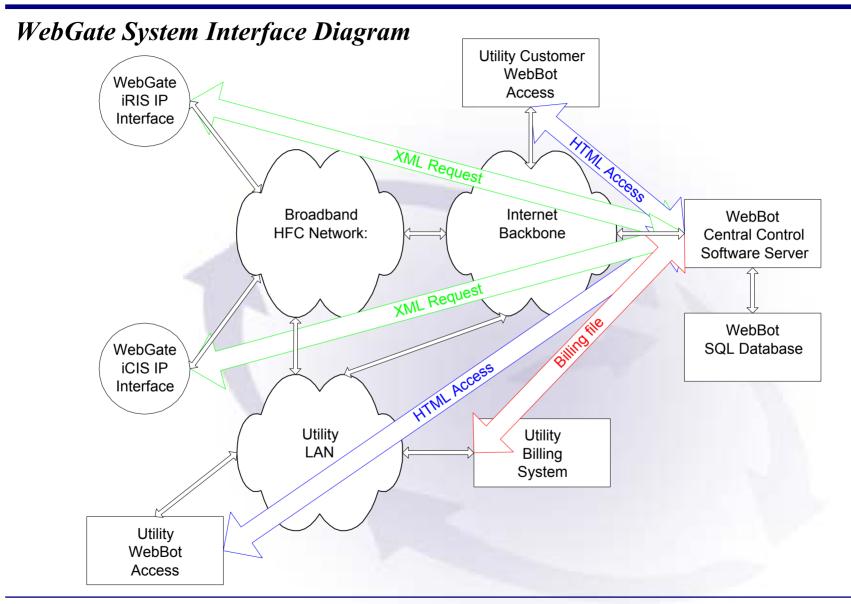
WebGate iCIS Internet Commercial Information System







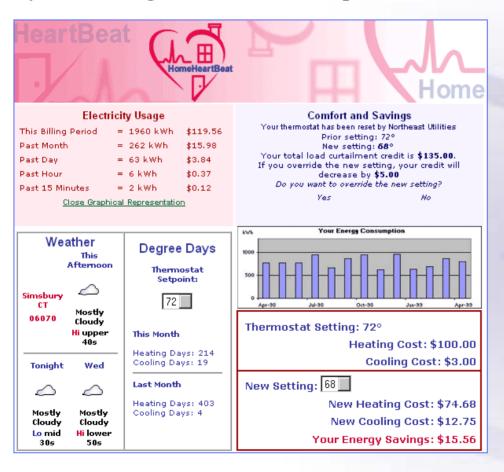




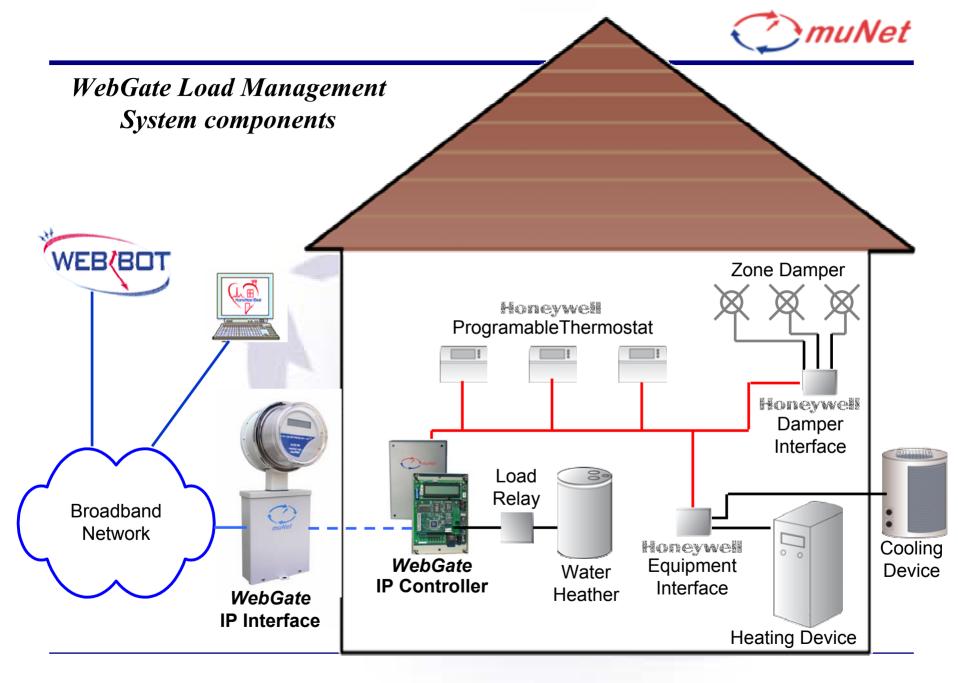


HomeHeartBeatTM Web Delivery of Value Added Services

HomeHeartBeat connects the utility to the source of its income by connecting consumers to the pulse of their home



- Real time / historical service data
- Consumption / savings information
- Event notification
- Customer feedback / override
- Energy management
- System / appliance monitoring
- Home / system improvement



WebGate Load Management System: Rate Schedule



		Winter		Summer	
		October - April		May - September	
	Rate	Weekdays	Weekends	Weekdays	Weekends
Low Rate Period	4.191 cents / kWh	10 pm - 6 am	10 pm - 6 am	10 pm - 10 am	10 pm - 10 am
Medium Rate Period	5.442 cents / kWh	9 am - 5 pm	6 am - 10 pm	10 am - 2 pm	10 am - 10 pm
		8 pm - 10 pm		8 pm - 10 pm	
High Rate Period	9.418 cents / kWh	6 am - 9 am	None	2 pm - 8 pm	None
		5 pm - 8 pm			
Critical Rate Period	28.253 cents / kWh	Real-time when power supply conditions are critical			
		80 hours maximum per year			
Regular Rate	6.053 cents / kWh				
Regular monthly fixed charge of \$7.85 still applies					

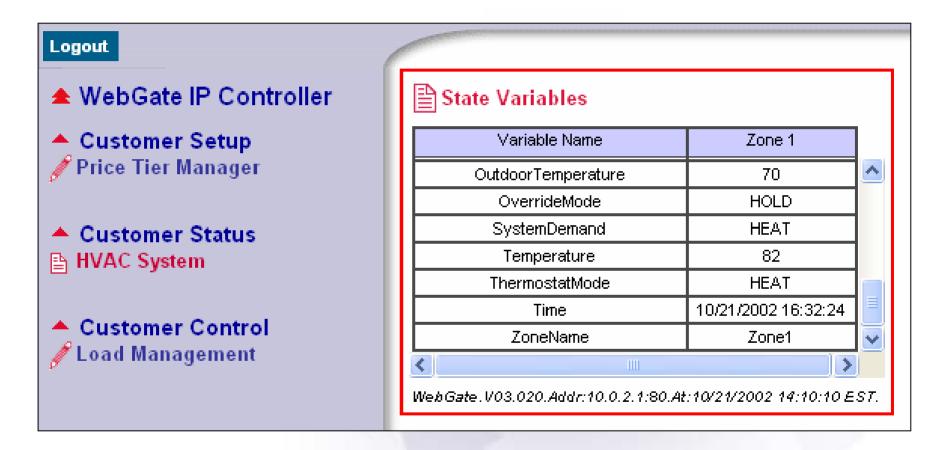
WebGate Load Management System: Consumer Setup







WebGate Load Management System: Status Monitoring



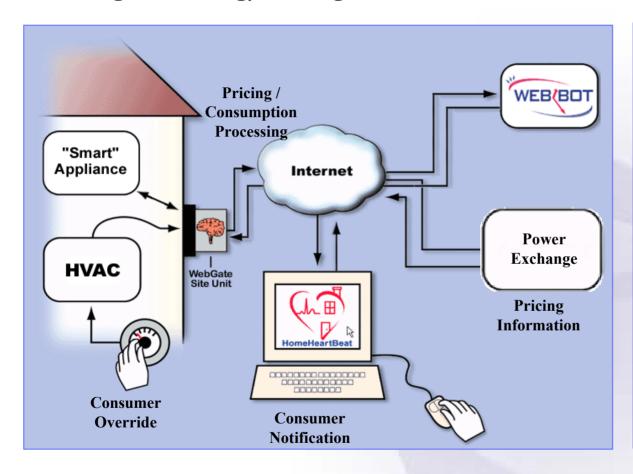
WebGate Load Management System: Thermostat Control







muNet Internet Information Utility Real –Time Pricing and Energy Management



- WebGate unit monitors consumption and energy prices
- WebGate unit computes optimum consumption model
- WebGate unit controls system and appliance settings to optimize consumption
- Consumer is notified of new settings and savings
- Consumer may override settings



WebGate System Value Proposition



muNet Offers a Compelling Value Proposition to Utilities and Network Providers

Utilities

- Operational Efficiencies
- Load Management
- Real Time Pricing Readiness
- Improved Customer Relationship
- New Unregulated Revenue Opportunities
- Brand Promotion

Network Providers

- New Revenue Sources for Idle Bandwidth
- Infrastructure Efficiencies via a Subsidized Gateway
- Operational Efficiencies (Network Management, Analog Coax Control)
- Second Tier Broadband Access Up-sell to Consumer via WebGate Gateway
- Partnerships with Non-competing Service Providers



muNet Offers a Compelling Value Proposition to Service Providers and End-Users

Service Providers

- Stable entry point for connectivity
- Cost effective platform for narrow band service providers
- Simplified integration with back office systems

End-Users

- Increased savings
- Enhanced safety
- Improved comfort
- Availability of new and advanced services



MU Net, Inc. 442 Marrett Road, Suite 9 Lexington, MA 02421 781-861-8644 www.munet.com