



Powering utility applications with
Open Standards
Including IP and 802.15.4/Zigbee

WebBot® Central Control Software Data Collection, Command and Control, Event Reporting



muNet's WebBot Central Control Software enables utilities to acquire frequent meter data quickly, cost effectively and automatically through the WebGate TotalPoint™ AMI System. The easily configured WebBot will poll installed TotalPoint Meter Interface Modules (MIMs) in batch mode at high speeds via the TotalPoint IP extension network, collecting specified data into the WebBot database before transferring the data to legacy billing and customer information systems.

The WebBot software's Web based front end allows access from multiple locations within a utility using authorized login and can also display metering and account information to utility end users over secure Web-based access. The WebBot Central Control Software can also be used with the

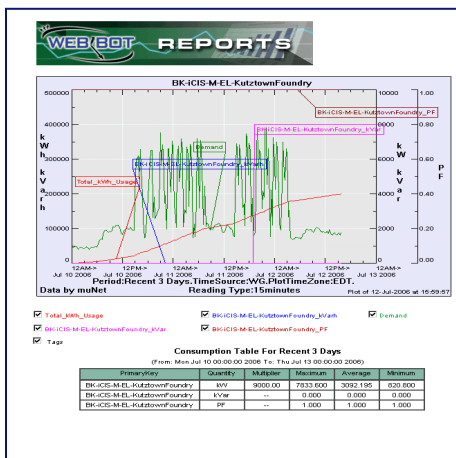
WebBot Central Control Software Functionality

- Windows and SQL-based Platform
- Scalable with multiple servers
- Installation and meter provisioning features
- Collects & stores interval metering data in standards-based data warehouse
- Generates reports on multiple System parameters including
- Enables dynamic tariff applications including support for Time-of-Use pricing
- Interfaces to legacy billing and Customer Information Systems
- Exports data in standard (.xls, .hhf, .sql) or customized formats
- Full range of System reporting capabilities including network status, tamper reporting, outage assessment, voltage monitoring, and more

Displays data in graphical.....

.....and tabular formats

Enables on-line bill presentation



V	WebGate Time EST	kWh	ReadingID	WebBot Time EST	ReadingType
2004/03/25 09:15:02 EST	2483.301	1513729	2004/03/25 09:24:29 EST	15minutes	
2004/03/25 09:00:00 EST	2483.240	1513740	2004/03/25 09:24:29 EST	15minutes	
2004/03/25 08:45:00 EST	2483.179	1513620	2004/03/25 08:52:36 EST	15minutes	
2004/03/25 08:30:00 EST	2483.110	1513613	2004/03/25 08:37:28 EST	15minutes	
2004/03/25 08:15:00 EST	2482.641	1513617	2004/03/25 08:22:40 EST	15minutes	
2004/03/25 08:00:00 EST	2482.071	1513597	2004/03/25 08:07:28 EST	15minutes	
2004/03/25 07:45:00 EST	2481.191	1513579	2004/03/25 07:52:35 EST	15minutes	
2004/03/25 07:30:00 EST	2479.803	1513598	2004/03/25 07:37:27 EST	15minutes	
2004/03/25 07:15:00 EST	2479.186	1513596	2004/03/25 07:07:37 EST	15minutes	
2004/03/25 06:45:00 EST	2478.182	1513483	2004/03/25 06:52:36 EST	15minutes	
2004/03/25 06:30:00 EST	2478.176	1513451	2004/03/25 06:37:27 EST	15minutes	
2004/03/25 06:15:00 EST	2478.168	1513493	2004/03/25 06:22:37 EST	15minutes	
2004/03/25 06:00:00 EST	2478.175	1513471	2004/03/25 06:07:28 EST	15minutes	
2004/03/25 05:45:00 EST	2478.155	1513471	2004/03/25 05:42:42 EST	15minutes	

Clarksville Department of Electricity
www.clarksvillega.com

Account Number: 12001520-000
Meter Number: 63440

Item	Units Used	Rate	Amount
Energy charge	4998		340.80
TVA Environmental Adjustment			16.11
State Tax			24.98
Total			381.89

Recommended WebBot Server Specifications

Hardware specifications:

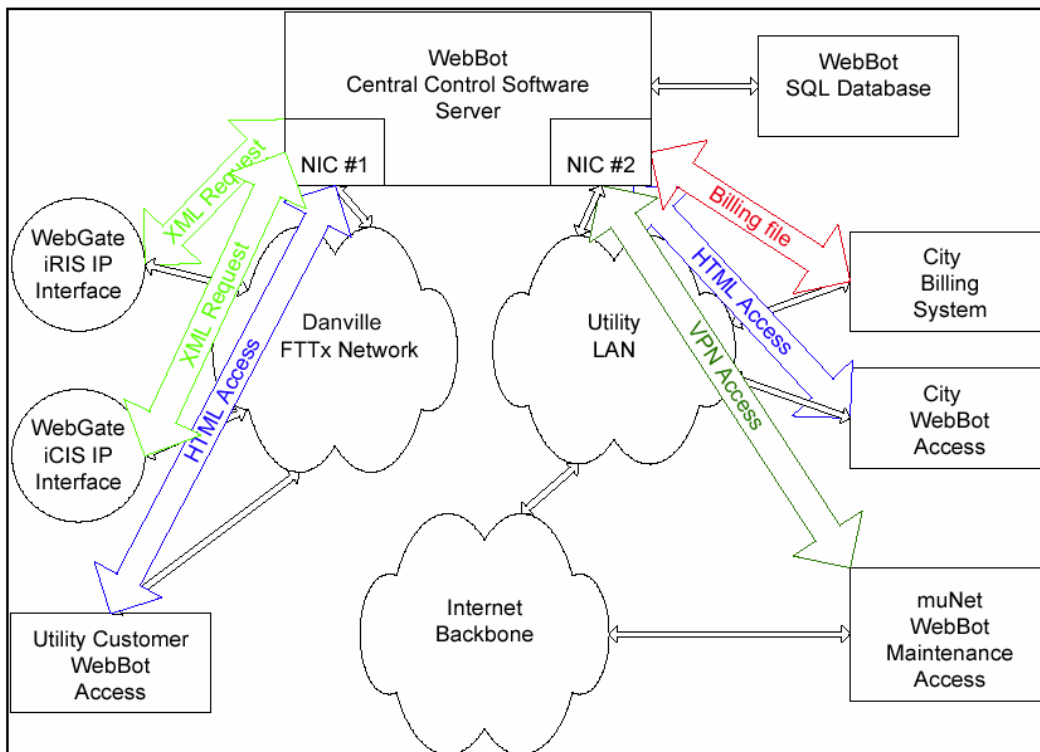
- One PC
- Pentium III processor
- 512MB RAM
- Min. 40GB Hard Drive
- CD-ROM
- 1024 by 768 screen resolution
- 2 Network adapters (second network adapter for Web-based remote WebBot access)

by utility and for remote software maintenance and upgrade by muNet)

Software Requirements:

- Microsoft Windows 2000 Workstation or Server, or Windows XP Professional
- Microsoft SQL Server 2000
- Microsoft Internet Explorer 6.0
- Microsoft Excel 2000
- muNet WebBot software (initial installation and setup by muNet)

WebBot Central Control Software Architecture



Sales: Please contact Sean Doyle 781-861-8644 ext 247 or seand@mUNET.com



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