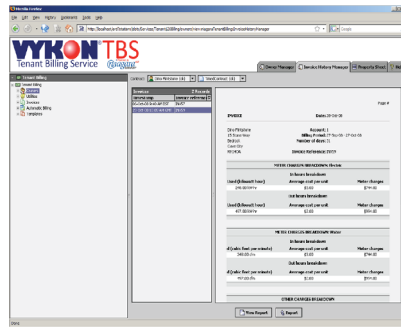


Monitor tenant utility  
usage and create  
invoices easily with  
VYKON Tenant Billing  
Service

# VYKON Tenant Billing Service (VTBS)



## Overview

VYKON® Tenant Billing Service (VTBS) is a Niagara<sup>AX</sup> Framework application which enables users to easily monitor tenant utility usage and create invoices based on that usage. The application serves as both a monitoring and invoice generation tool, allowing invoices to be manually or automatically generated for a variety of utility usage patterns. Access to the VTBS software is accomplished using a simple web browser - no additional licenses or software are required for multiple users..

Invoices can be generated on a scheduled basis, and printed or e-mailed in PDF format.

VTBS is designed to operate with the VYKON AX Supervisor. VTBS accesses historical data collected by a VYKON AX Supervisor which is capable of collecting consumption and occupancy data from a wide variety of building systems and meters using open protocols such as Modbus, BACnet and Lon. The data may be collected directly over IP or from a JACE. If desired, data may be imported from a csv (comma separated value) file. Invoice and report data may be exported for use in other applications.

## Features

- Screen and invoice logos may be customized to replace the default VYKON TBS logo
- Installs on VYKON AX Supervisor
- Generates invoices for tenants based on simple time of day or flat rate
- Web browser (thin client) configurable
- Simple, intuitive design minimizes operator training
- Supports multiple currencies, tax management fees and surcharges
- Optional data import from .csv formatted files
- Data export option for merging to third party invoicing software
- Automatic invoice generation on scheduled basis
- Invoices output as PDF files for multiple utilities on a single or multi-page invoice
- Invoice templates can be customized
- Automatic e-mailing of multiple invoices
- Searchable invoice history
- Generates alarms for overdue invoicing

## System Requirements

The VTBS application requires VYKON AX Supervisor 3.2 or higher



## Functional Description

### Owner Management Interface

Add, modify and view information about the property management company, including the company's name, address, contact, email, phone number, fax number and company logo.

### Tenant Management Interface

Add, modify, delete and view information about clients (tenants), associate clients with one or more meters, and access copies of past client invoices. Client information includes the client's name, account number, building, address, contact, email, phone number, fax number, and client logo.

### Contract Management

Each tenant can be set-up with a number of contracts representing each of their utilities and services. Each contract may include a utility rate, tax percentage, management fee, improvement fee, and a surcharge amount. The Flat Rate Contract is used for daily charges, which could be for services such as cleaning, as well as flat rate utility costs. The Timed Contract enables different tariff rates to be set for different periods each day and for specific dates and date ranges, and for a variety of price structures, including after-hours override contracts.

### Meter Management Interface

Add, modify, delete and view information about utility providers and define meters and sub-meters within the service. Meters can be designated Flat Rate or Timed. The information includes the area/meter/process number, a descriptor for the area/meter/process being metered, the unit of energy or material being metered, and the associated Utility Provider.

### Invoice Creation Interface

Invoices can be generated automatically according to a schedule and e-mailed as PDF's or printed on demand. The invoice templates can be changed and company logos added. An invoice history manager enables all past invoices to be listed and searched.

### Data Entry/Output

For larger projects, save time by importing static data relating to clients or utilities from a CSV file. Static data as well as invoice data can be exported by the same means for use in other applications..

## Support

Contact [salesupport@vykon.com](mailto:salesupport@vykon.com)

## Ordering Information

Part Number	Description
V-TBS-AX	VYKON Tenant Billing Service, include license for 10 tenants. Must be installed on VYKON AX Supervisor.
V-TBS-AX-10	Adds 10 tenants to a VTBS license.
V-TBS-AX-25	Adds 25 tenants to a VTBS license.
V-TBS-AX-50	Adds 50 tenants to a VTBS license.
V-TBS-AX-100	Adds 100 tenants to a VTBS license.