PowerLogic™
Tenant Metering
Solutions

Neel Sharma
Schneider Electric

Value proposition

"Schneider Electric offers the most robust electrical metering portfolio in the world, delivering superior performance, accuracy, and reliability"

"Introducing our new innovative, flexible, and simple tenant metering solutions supported by the best-in-class delivery team"

Maximize profit, control expenses and improve tenant satisfaction

Tenant metering:

A strategic tool for commercial property owners and managers

- Bill tenants for their actual utility use
- Allocate common area utilities to tenants
- Reduce your risk for cost over-runs
- Fair and accurate billing based on real-time utility data
- Encourage conservation
- Comply with energy codes and LEED and Tenant Star programs

*US Department of Energy, Tenant Space Submetering webinar, June 11, 2011

Ideal for new construction and retrofits

- Multi-unit residential buildings
- Commercial office buildings
- Malls
- Shopping centers
- Condominiums
- Mobile home parks
- Marinas

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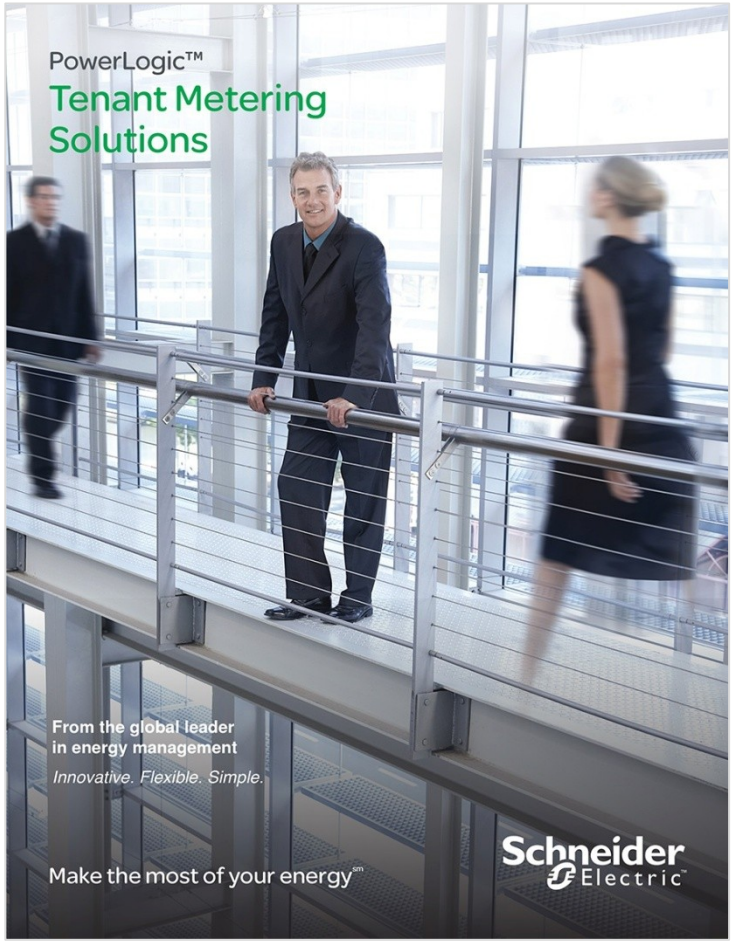
Introducing . . .



PowerLogic™ Tenant Metering Solutions

New from the global leader in energy management

Innovative. Flexible. Simple.

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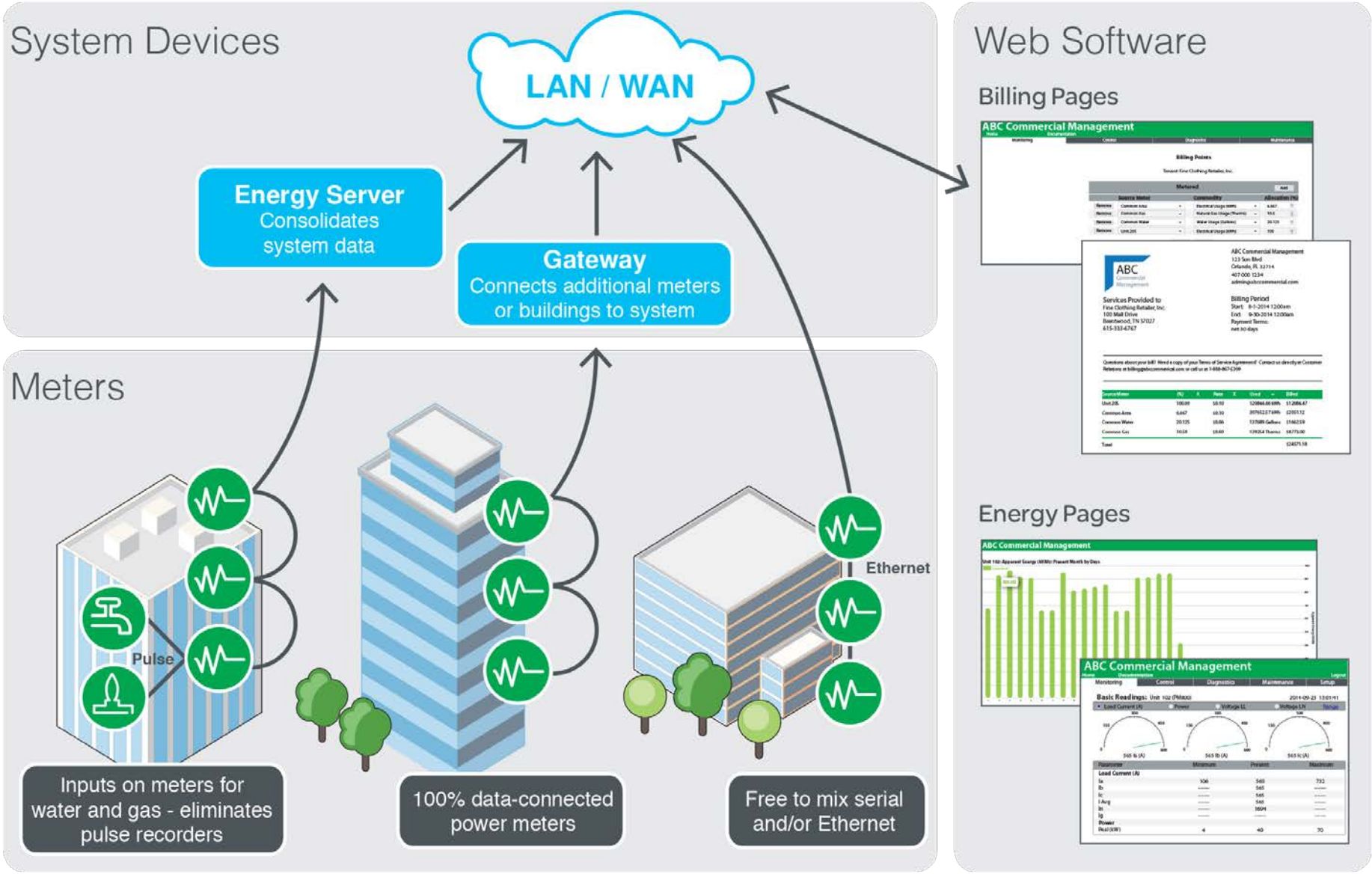
Tenant metering solutions based on 100 years of experience

Count on Schneider Electric to deliver superior performance

- Best-in-class metering and software
- Expert commissioning and training
- Robust technical support (onsite and remote)

Streamlined design simplifies tenant metering

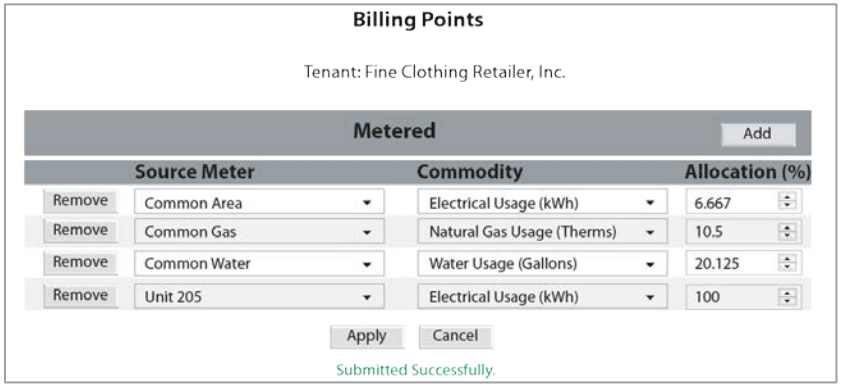


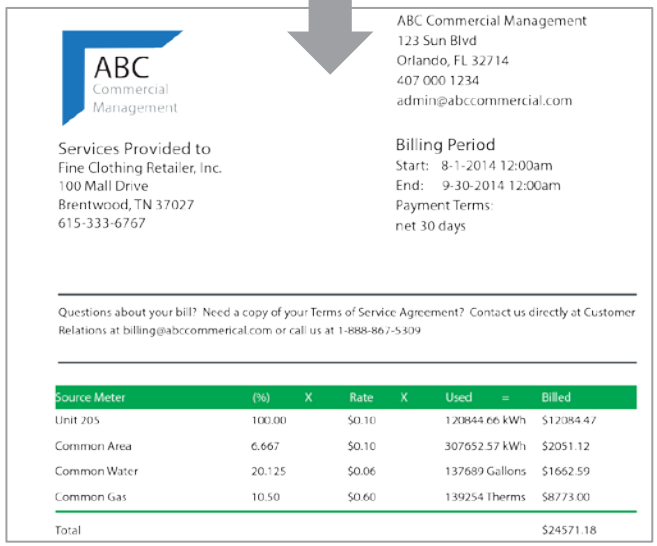
PowerLogic™ Tenant Bill

A simple and reliable out-of-the-box solution for smaller property portfolios

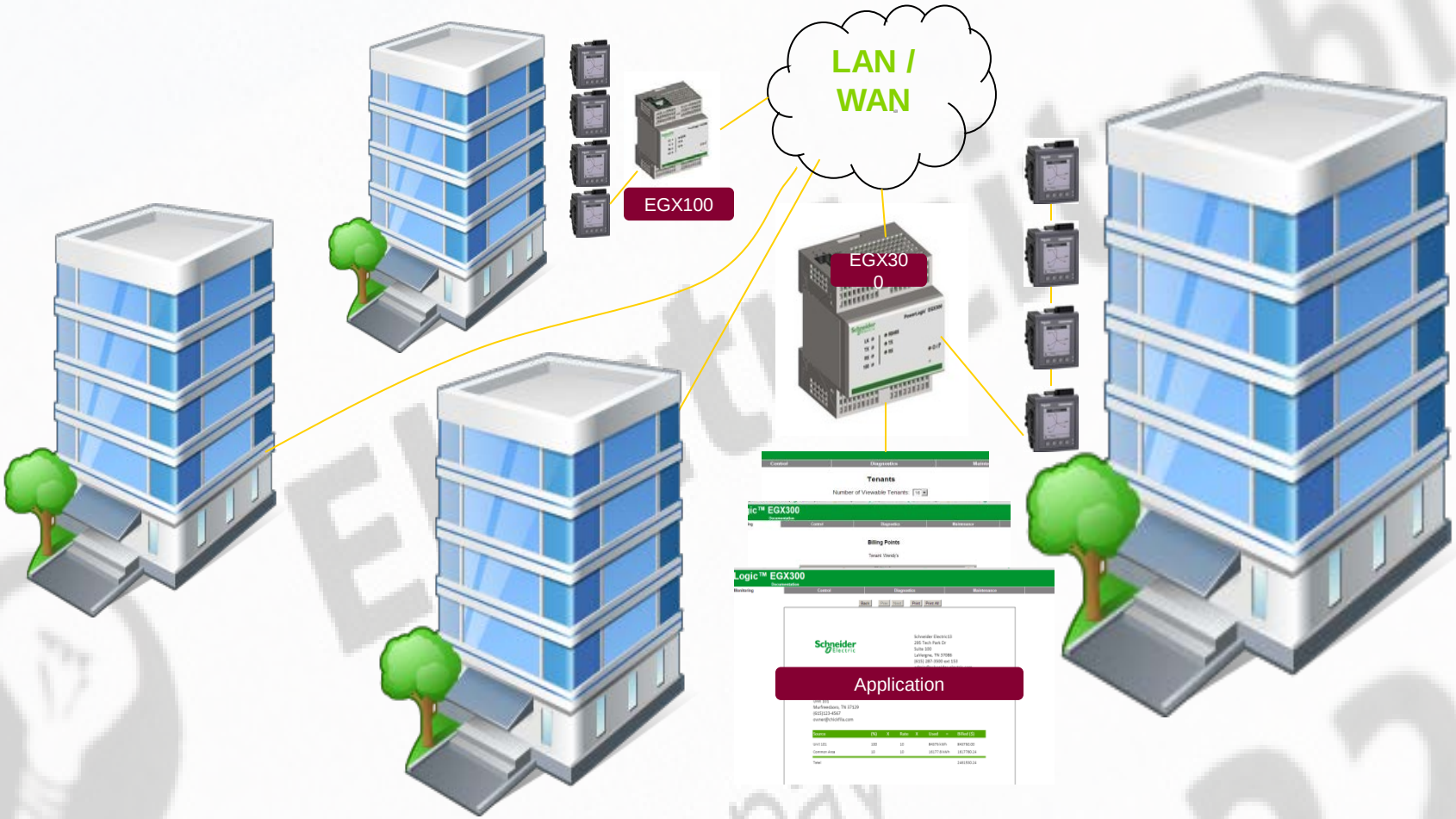
Features:

- Supports **up to 64 tenants** at one or more buildings
- **Out-of-the-box** solution (no additional software or servers needed)
- **Affordable solution**, no reoccurring fees
- **Real-time monitoring** of electric, water, and gas via energy server
- Simple **blended rates** based billing

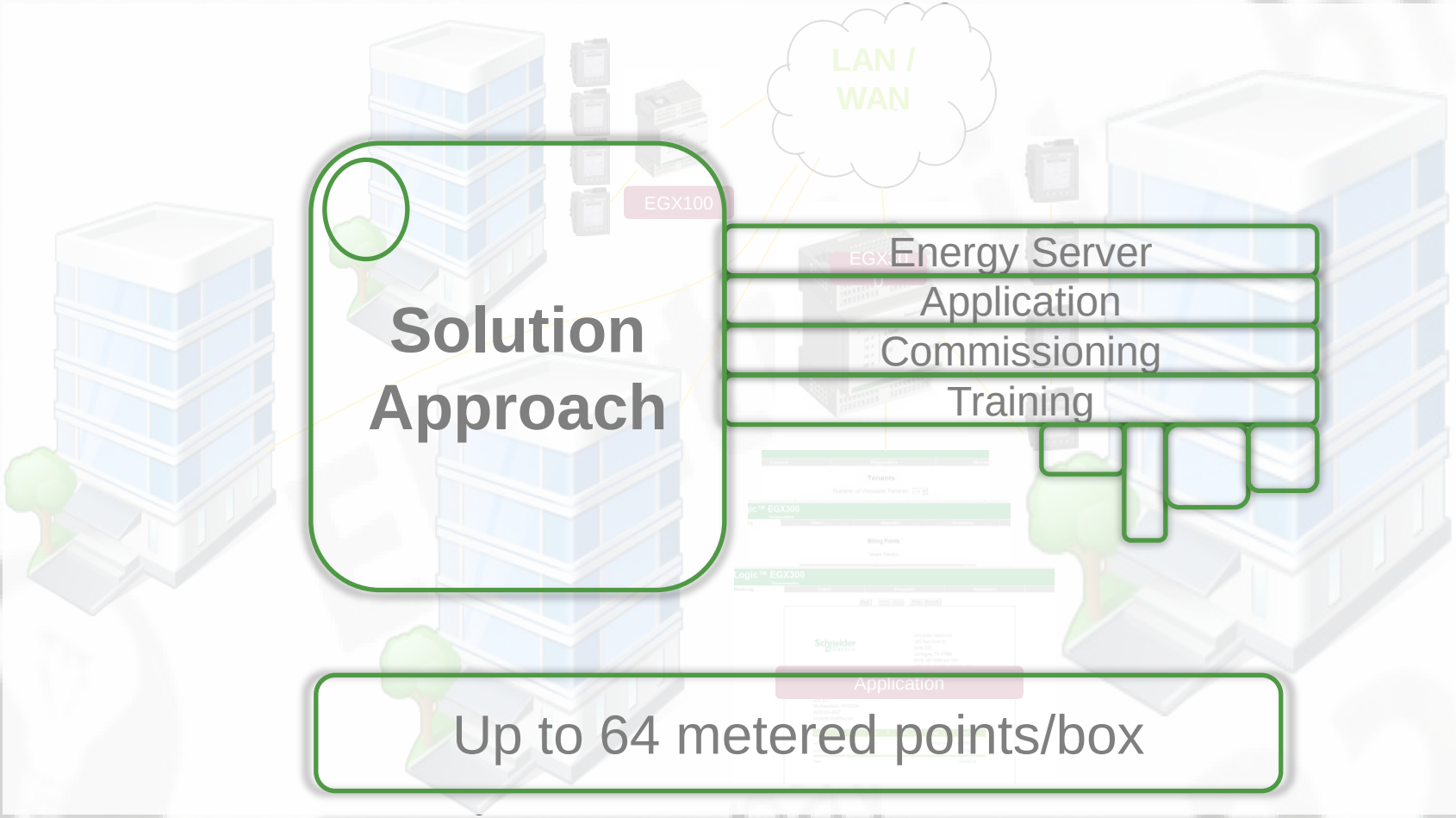




PowerLogic Tenant Bill

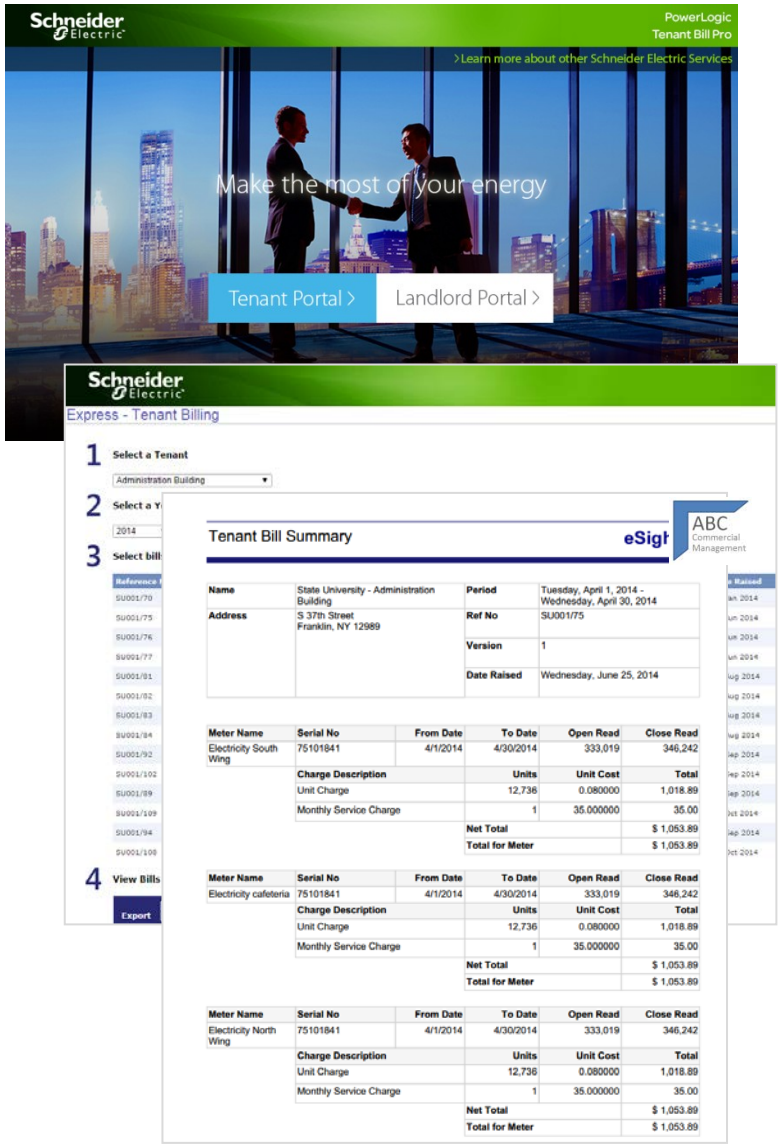


PowerLogic Tenant Bill



PowerLogic™ Tenant Bill Pro

An advanced solution designed to meet the complex needs of larger property portfolios



Features:

- Supports **unlimited tenants**
- **Scalable** to portfolio size
- **Cloud-hosted** or **on-premise**
- **Real-time monitoring** of electric, water, and gas via energy server
- Simple or complex **rate structures**
- **Tracks payment status** of tenants
- Creates **unique billing cycles** for tenants
- Optional self-service **tenant portal** to access history and invoices

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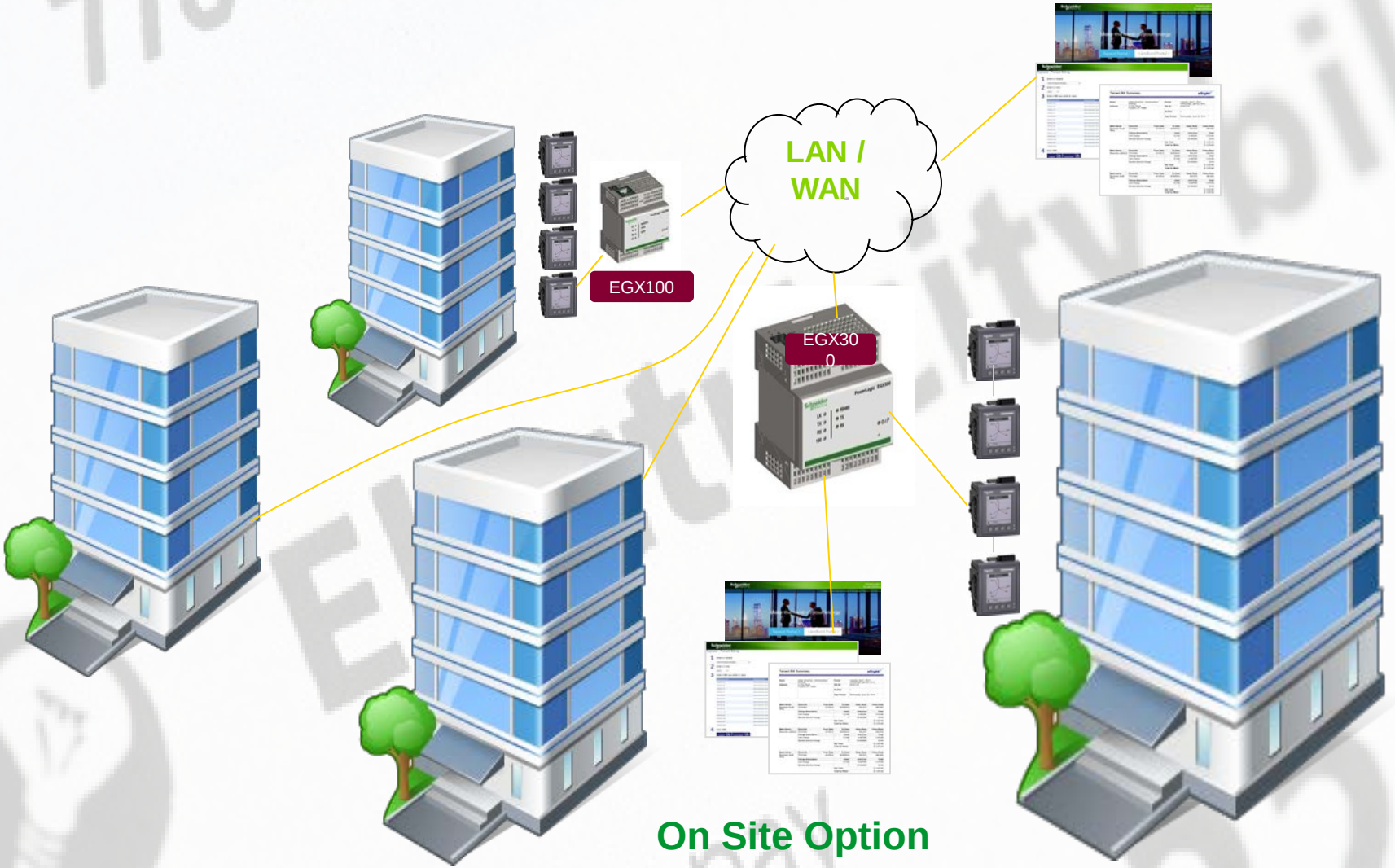
PowerLogic Tenant Bill Pro

Cloud Based Option

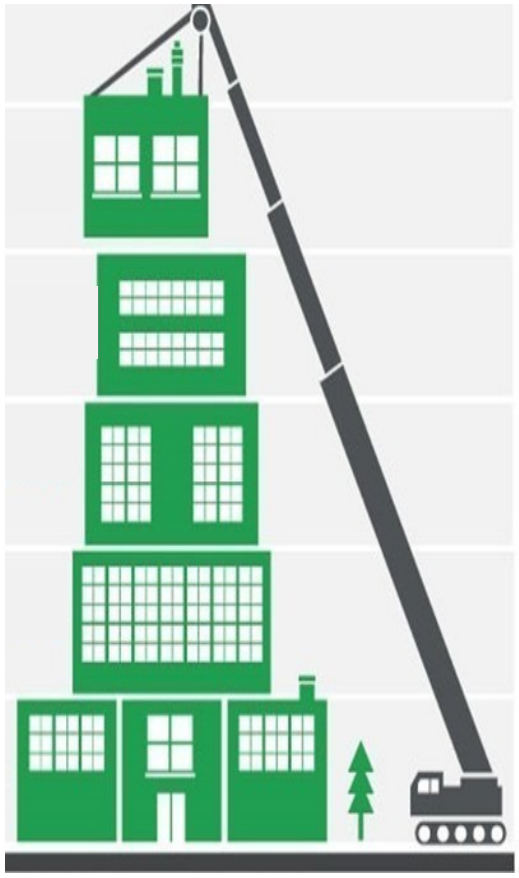


On Site Option

Installation, expansion, and maintenance made easy

Our systems grow with you

- Add meters, tenants, and buildings to your system as needed
- Easily upgrade from PowerLogic™ Tenant Bill to Tenant Bill Pro thanks to common hardware architecture
- Supports full range of Schneider Electric single- and multi-circuit meters, as well as many third-party meters
- Seamlessly integrates with your energy management system



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Raising the bar on performance

- Widest range of single- and multi-circuit meters in the industry
  - 100% advanced meters; data-connected system provides information beyond KWh
  - Eliminates need for interval data recorders to log pulses, which saves you money
  - New meters setting the standard in value, features, and performance
- Energy servers and gateways
  - A simpler, scalable system architecture
  - Open protocols and connectivity
  - Bonus energy management features provided by EGX300 energy server

Best-in-class submetering portfolio

	Multi-circuit metering		Single-circuit metering								
Features	**EM4800**	**BCPM(E)**	**E5600 Socket Meter**	**PM5000 series**				**EM3555**	**EM3555A**	**Energy Meter**	**Enercept Meter**
				PM5110	**PM5330**	**PM5340**	**PM5560**				
Inputs, outputs and control power											
3-phase / single-phase	• / •	• / •	• / •	• / •	• / •	• / •	• / •	• / •	• / •	• / •	• /
Digital in and out / analog in and out	2/-	-/-	4/-	- / 1 / - / -	2 / 2 / - / -	2 / 2 / - / -	4 / 2 / - / -	2 or 3/-	2 or 3/-	1/-	-/-
CT type	LV	LV	5A	5A	5A	5A	5A	LV	Rogowski coil	LV	-
Power and energy measurements											
Voltage, current, frequency, power factor	•	•	•	•	•	•	•	•	•	•	•
Power, demand	•	•	•	•	•	•	•	•	•	•	•
Energy / time-of-use (energy per shift)	• /	• /	• / •	• /	• / •	• / •	• / •	• /	• /	• / •	• / •
ANSI energy accuracy class (% of reading)	0.5	1	0.2	0.5	0.5	0.5	0.2	0.5	0.5	1	1
Power quality analysis											
Harmonic distortion: individual / total				• / •	• / •	• / •	• / •				
On-board data and event logging											
Minimum / maximum				• / •	• / •	• / •	• / •				
Events and alarms with timestamps					•	•	•				
Setpoints, alarms and control											
Log alarm conditions / call out on alarm					• / •	• / •	• / •	/ •			
Trigger relay or digital output					•	•	•	•			
Special features											
Field firmware upgradable				•	•	•	•				
Communications											
Ports: Ethernet		•				•	•				
RS485		•	•	•	•	•	•	•	•	•	•
Web server	•	•					•				
Protocol: Modbus / BACnet / SNMP	• / /	• / • /•	• / /	• / /	• / /	• / /	• / /	• / /	• / /	• / /	• / /

Questions?

www.schneider-electric.us/tenantmetering

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