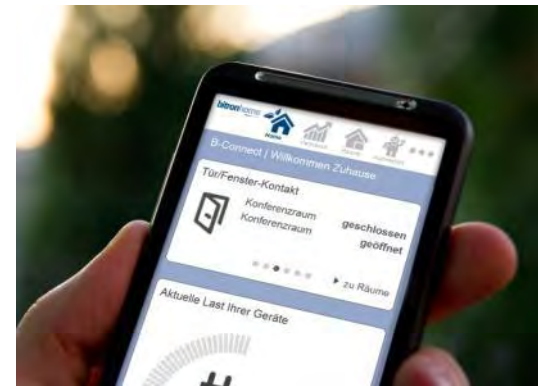




Smart Home is today!

Turning the vision of an open home automation platform into a commercial solution

Peter Hoyer
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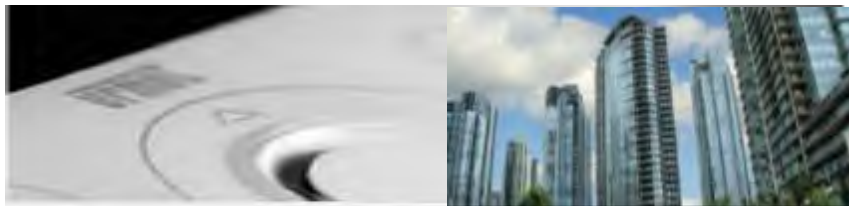


URMET IS IN YOUR LIFE

Strong Roots

Urmet is a family-owned group of companies. Founded in 1937 in Turin, Urmet has become a leading player in the areas of building automation, security, telecommunications, and energy management in Italy and worldwide.

Building Automation and Security



- (Video-) door phones
- Access control
- Wiring systems
- Video surveillance
- Intrusion and fire alarm
- Building security

Telecommunications



- M2M Wireless Terminals
- Systems and Services
- Public Terminals

Energy



- Energy metering
- Heating management
- Renewable energies

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Bitron Home

The «Urmet Way» of residential automation and security



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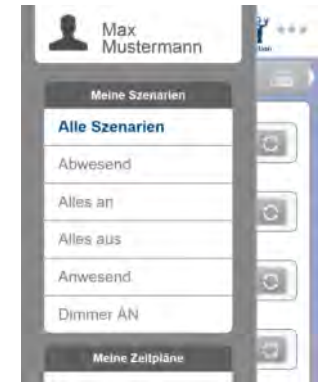
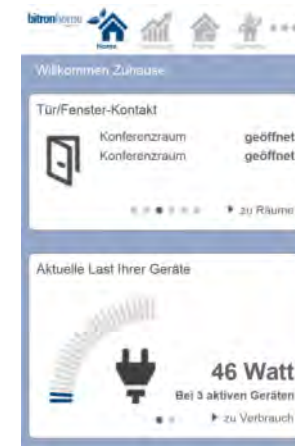
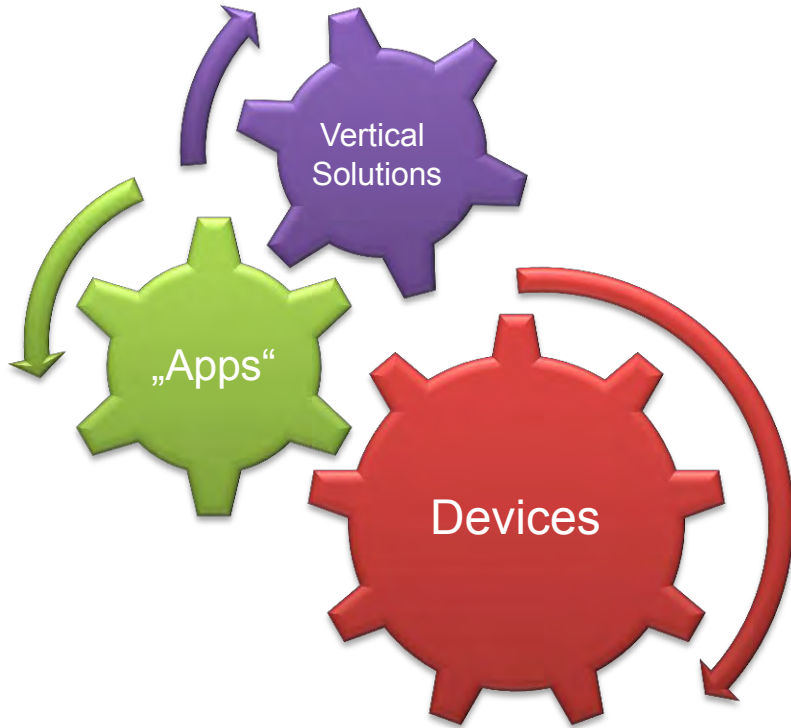
Yesterday

- Static accessories of an intrusion alarm system:
Useful only when outside home

Today ...thanks to the Bitron home solution

- Multi-functional and inter-connected sensors which are available «on demand»
- The user decides how to use the sensors
 - Intrusion alarm
 - Lights control (always, at night, ...)
 - Heating control (open window, switch off heating)
 - Events and activity monitoring
 - Ambient Assisted Living Applications (AAL)
 -new future applications

- ✓ A Plug & Play Home Automation Solution made of devices and applications
- ✓ Reality and not just an idea: the solution has been successfully launched on the German market where it enjoys a high level of acceptance by clients, media, and sales channels
- ✓ 3rd party ZigBee can be added and integrated (Energy@Home and QIVICON)



Our reference: Germany

Italian technology

which makes German homes more comfortable and secure





<http://www.youtube.com/watch?v=9b2BqsfLXv4>



- Service offer (6 months / 1 year / 2 years)
- 2 variants: **B-Connect** works only with Bitron Home devices, **B-Connect Plus** works with any QIVICON-certified devices
- Access from anywhere with any device
- Control and management of all connected devices
- Scenarios and rules (by time/day, conditions: if / as-long-as)
- Notifications (eMail, SMS text message)

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Common features

- Simple pairing with just 1 button
- Optical status display
- QIVICON certified
- Energy@Home certification pending (HA 1.2)
- ZigBee Home Automation 1.1 compliance
Reliability of an international standard
 - Encrypted & bi-directional communication
 - Low energy consumption
 - 2,4 GHz frequency
- CE approval



Smart-Plug
with dimmer (2.5A)
or metering (16A)
Relay module (16A)
--- radio signal repeater ---



Remote control



Temperature
and humidity
sensor with LCD



IR movement sensor



Magnetic contact with
terminal connector
for the connection
of wired sensors



Smoke detector,
also works as a siren



IP cloud cameras



External siren with flashlight



CO sensor



Access control keypad with proximity sensor



Natural gas and LPG sensor



Glass-break sensor



- 3 kits: security / smoke detection / energy
- 6-months license «B-Connect» included in all kits
- The kits can be combined:
the B-Connect license period increases by 6 months
with each additional kit acquired

Our Turnkey Solution for Carriers

Start with selected kits today, create a full platform tomorrow





Cloud Platform



Internet



Internet



xDSL router

Ethernet



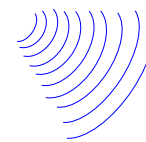
Home Automation Gateway



ZigBee



Urmet ZigBee Devices



WiFi



Urmet WiFi devices



Compatible 3rd party ZigBee devices



Applications

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Cloud platform

- Management of user accounts and residential gateways
- User portal (registration, application access, device management)
- Backup of local configuration
- Event handling (EMail and SMS notifications)



Residential Gateway

- Internet connection via router (Ethernet / optional WiFi client)
- Radio base station for ZigBee devices
- Local devices (ZigBee & IP/WiFi) and software applications management
- Emergency operation in case of Internet connectivity failure
- Optional backup battery
- Remote configuration and firmware updates (via cloud)
- USB port for backup and local maintenance



Urmet Devices

- ZigBee: security sensors, smart plugs, siren
- IP/WiFi: IP cameras

3rd Party ZigBee Devices

- Qivicon and Energy@Home certified products integration required, additional costs may apply

B-Connect Application

- Access from PC, tablet, and smartphone
- Secure login and encrypted communication through cloud platform
- Monitoring and management of all connected devices
- Scenarios, time-based actions, rules (if-then, as long as)
- Consumption monitoring (interval selection, display in KWh and amount)
- EMail and SMS notifications



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- ✓ Consolidated and already available product
 - ✓ ZigBee radio protocol
 - ✓ OSGI standard-based gateway
 - ✓ Proven cloud-platform
 - ✓ Turnkey solution fully supported by Urmet
-
- The customer enjoys a ready product and not some samples
 - Opportunity to start with a single-supplier solution ready to evolve to a multi-vendor and multi-product platform
 - High reliability and security thanks to the use of standard protocols
 - Moderate initial investments

Thank you
for your
interest!

75
1937
2012
urmet