



TAKING INNOVATION TO HOMES

IDF CONFERS HCL WITH TECHNOLOGY INNOVATION ACCELERATED
(TIA) AWARD 2014

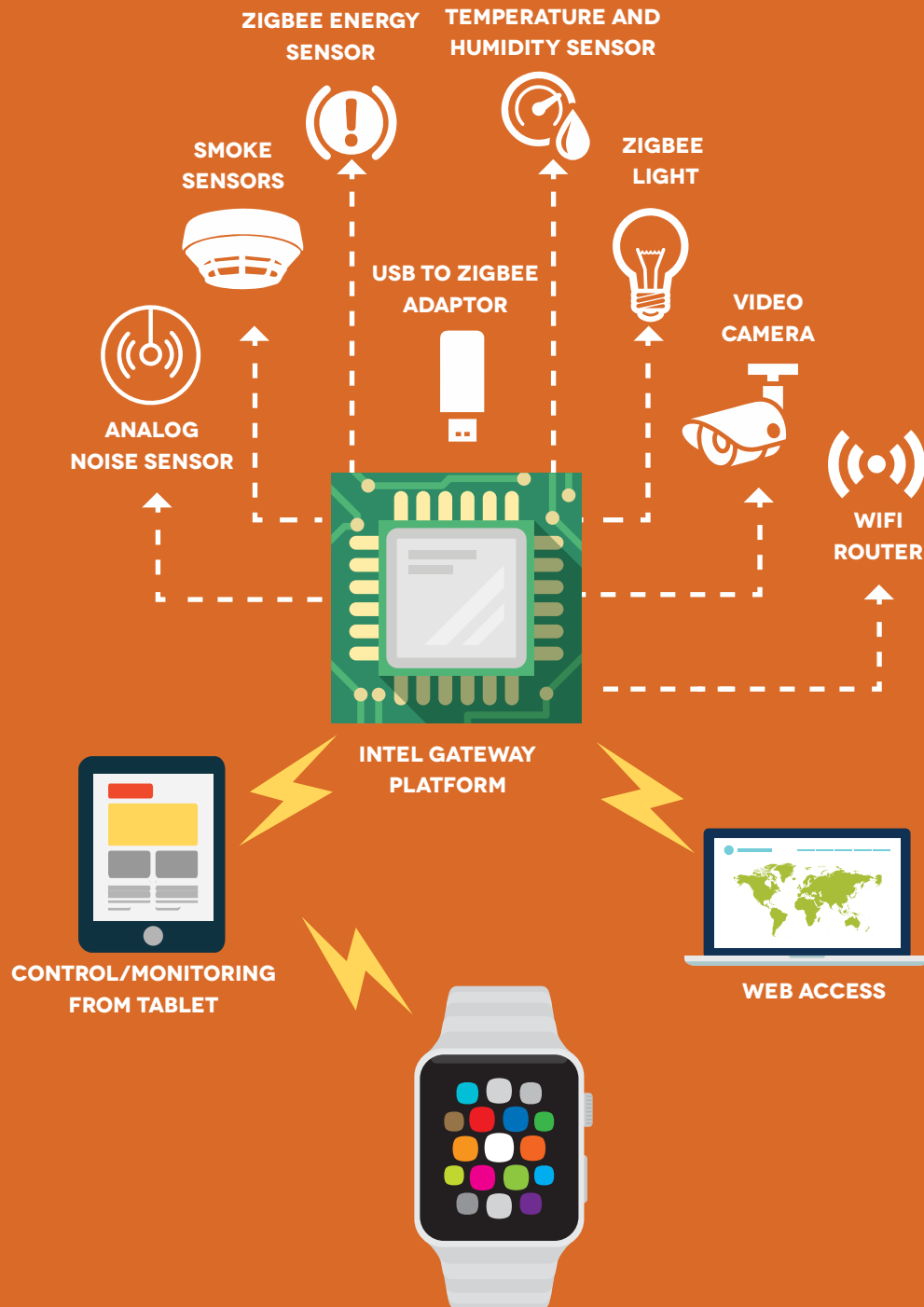


BUILDING AUTOMATION SOLUTION (BAS) FOR CONSUMERS

The Differentiators of HCL's BAS

- Mobile Monitoring and Control – Mobile devices and web interface used to monitor and control various safety and consumer goods installed in homes
- Personalization – Users can set/monitor/improvise outputs depending on individual comfort levels
- Wearability – Smartwatch integration into the control system for better monitoring and control

BUILDING



UNDER THE HOOD

- Remote control and monitoring of appliances like lights, load controllers etc. from mobile devices
- Real time remote monitoring with video surveillance: Alerts triggered in case motion is detected by cameras.

Features

- Event Action Capability: Buzzer sound in case of action like motion detection etc.
- Integration with smoke, Noise, Temperature and humidity sensor: Alerts triggered in case the actual values exceed the defined threshold values
- Alarms configuration: Activate/Deactivate and reset alarms
- Preconfigured Settings (Scenes configuration and execution) of devices like lights, load controllers etc.
- HVAC Control: Setting of HVAC modes and Heat/Cool Set points
- Scheduler functionality: Switching On/Off of the devices as per the configured schedule
- Features can be triggered from Smartwatch and/or Tablet Application
- Presence detection based on RFID sensors – Rule triggered in case the count is beyond defined thresholds



★ MOMENTS OF PRIDE ★



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BAS IN ACTION

Comfort Level, Tracked – Occupant comfort levels are tracked continually enabling the system to benchmark them against pre-defined parameters. If input levels of noise, humidity, temperature, light intensity fall outside this range, suitable actions are triggered to achieve desired comfort levels.

Energy Consumption, Tracked – Visual reports generated by the system enables administrators to track energy consumption patterns. Any aberrations can be automatically rectified by the system based on optimal performance levels defined by manufacturers. External factors are also taken into consideration while determining the performance levels. Administrators will also be provided with possible reasons for malfunction and effective measures to remedy them.

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OUR PROPOSITIONS INCLUDE:

- Global deployment
- Instance consolidation
- Fundamental cost reduction
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- Large program management
- Applications development
- Design, build and run services

TRUE GLOBAL DELIVERY

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