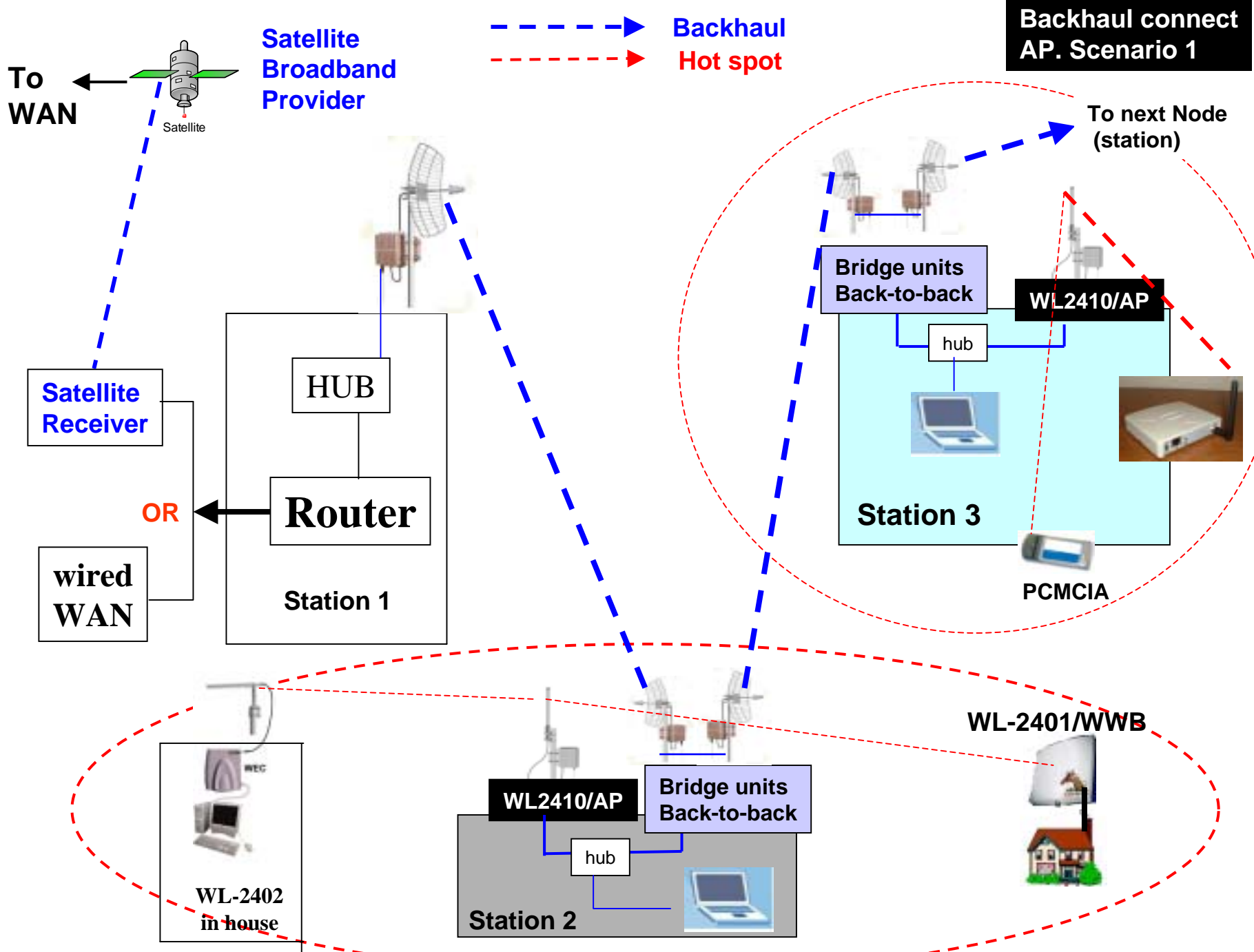


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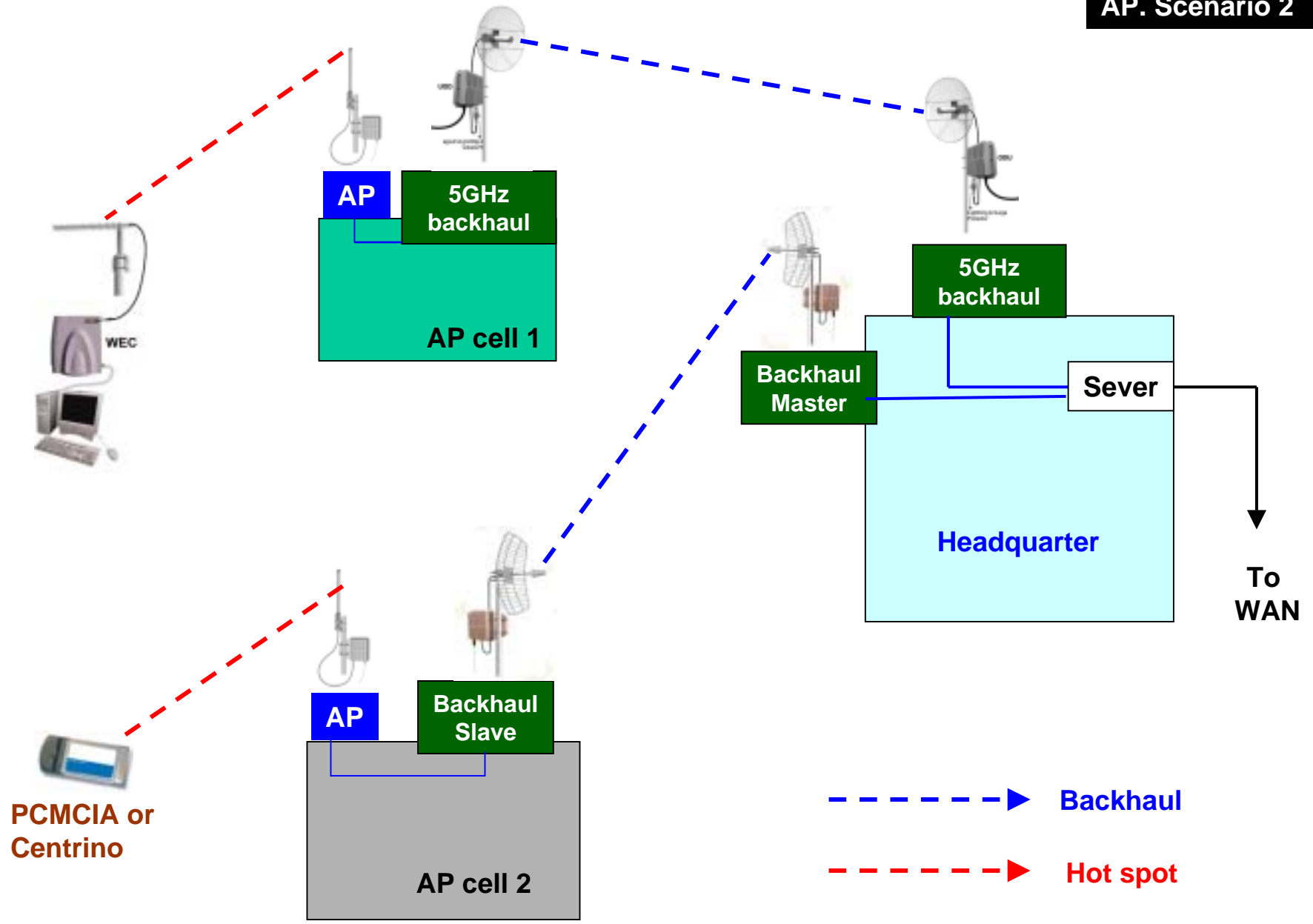
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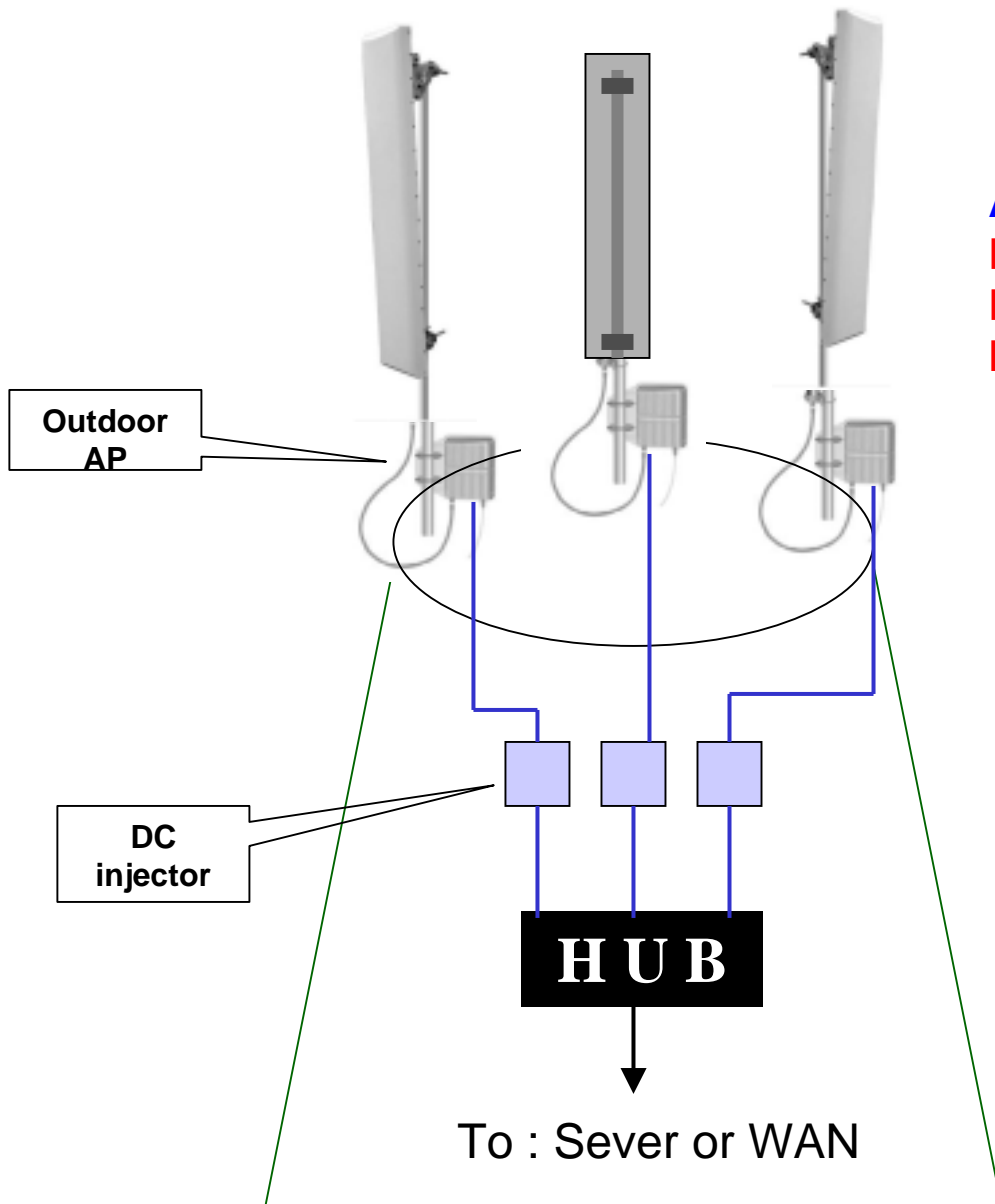
## **Long Range Wireless LAN Platform**

**Scenario on City Zone Spot  
(Mesh network)**



**Backhaul connect  
AP. Scenario 2**





**AP + 120-degree antenna  
back-to-back scenario**  
**Each antenna covers 120 degree**  
**Distance among antennas: 3 meters**  
**RF channel spaced by 6 channels**

**Advantages:**

**Best Coverage and Reliability !!**  
**Big bandwidth for each tower (3 times)**  
**High flexibility of RF channel options !!**

**Advantages of Tower:**

**Beam width: 360 degree, omni-directional**

**Total bandwidth: Multiplied by number of AP**

**Channel Flexibility: 39 channels. Overlapping channels with other tower: many, many....**

- **Taiwan** (Small town zone spot)

Dan Shui, Taipei

(台北淡水)



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(台北淡水)



- **Taiwan** (small town zone spot)  
Chinmen (Quemoy Island)  
(Offshore island opposite to mainland China)



- **Taiwan** (small town zone spot)

Chinmen (Quemoy, offshore island opposite to mainland China)

(金門)



**X-LIN**

**Innovation  
Thank you !**

**Hotware International Co., Ltd.**

[www.hotware.com.tw](http://www.hotware.com.tw)

[business@hotware.com.tw](mailto:business@hotware.com.tw)

Tel : +886-3-4639125

Fax ; +886-3-4639367

**Integration Center**

[integrate@hotware.com.tw](mailto:integrate@hotware.com.tw)