



**Voice-Insight** SA/NV solutions offer unparalleled ease of use, productivity, and accuracy to the mobile worker via natural speech interaction with applications and sensors (GPS, barcode, RFID ...) and a paradigm shift in workflow simplicity, equally at ease in warehouse logistics, GIS, maintenance, quality control and vehicle navigation.

**Get, Update and Validate** your GIS data  
with



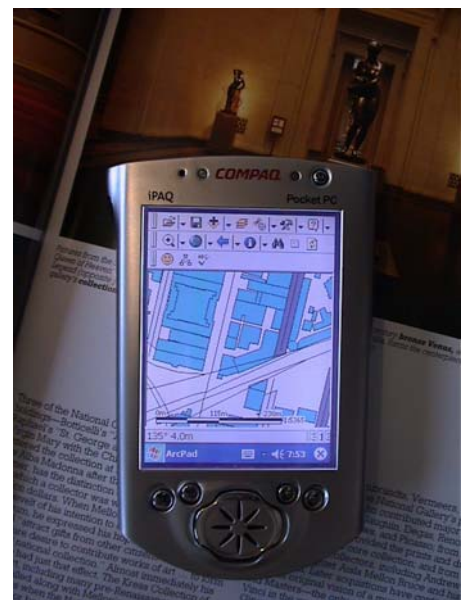
## **VOICE ASSISTANT-4-ArcPad**

*... a VQL™ product from Voice-Insight*  
technology partner of ESRI Inc.

**Voice-Insight VQL™**, Voice Query Language allows the user to query by means of his voice on any existing database application content. The voice activation of existing data and content, being a **real mobility and productivity enabler**, permits the user to perform all kinds of complex search and update of database content on his mobile devices, by use of his voice and in a day-to-day natural language.

ArcPad™ software is the ESRI solution for mobile and real time mapping and GIS for the handheld Pocket PC world. ArcPad™ makes field data collection fast and easy, improves data accuracy, and provides immediate data availability and validation.

With the possibility to download image or map layers via wireless technology, ArcPad™ can act as a client to ArcIMS™, ESRI's Internet Mapping and GIS software. Data is downloaded to ArcPad™ using a TCP/IP link, such as wireless LAN, cellular phone, or a wireless modem. Features can be readily identified on the image layer.



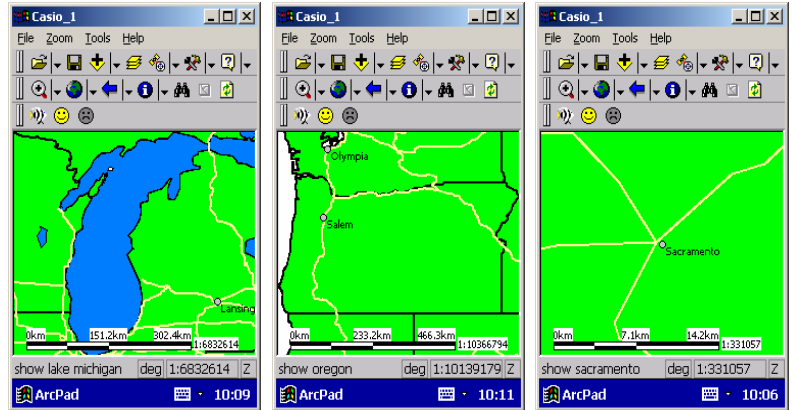
# Be mobile, be productive - anywhere, anytime!

With the **Voice-Assistant-4-ArcPad** option, the user can manipulate ArcPad™ by means of his voice. Voice-Assistant brings ArcPad™ to new heights in ease-of-use and efficiency with on-the-fly:

- Queries
- Data collection
- Data editing and updating

## Functionality:

- Manipulations:
  - Zoom or pan in any amount or direction
  - Fit maps to full extensions of the screen
  - Select objects based on specific criteria, center them on screen
- Read data associated to a selected set of objects
- Manipulate user forms
- Voice-activate any script developed, command button
- Context sensitive verbal help on system usage and work procedures



## Specifications:

- Works independently of :
  - The database
  - The mobile device: tablet PC and handheld pc
  - ArcPad Software : compatible with ArcPad 7.0.1
  - Voice Engine
- No voice training required for the user
- Noise and accent robust
- Voice recognition and synthesis engine is embedded
- High quality speech synthesis for better communication
- Dynamic, syntax centric, allowing direct queries that eliminate repetitive dialogs
- Languages supported include: English, French, Dutch, Spanish, German, Mandarin, Japanese, ... other languages on demand
- No special hardware required

Voice-Insight SA/NV enables customers, integrators and developers to easily and cost effectively bridge the gap between "Speech Technology" and any "Database" applications.

**Voice-Insight SA/NV**  
Headquarter Brussels  
EEBIC Building  
40, av. J Wybran  
B-1070 Brussels  
Belgium  
Tel: +32 2 529 58 12  
Fax: +32 2 529 59 83

**Voice-Insight Wallonie**  
rue de l'Industrie, 20  
Zoning Industriel  
1400 Nivelles  
Belgium

**Voice Insight Germany**  
Reichertshalde 31  
D-71642 Ludwigsburg  
Deutschland

**Voice-Insight USA**  
10523 Esquire Pl.  
Cupertino, CA 95014

Tel: +49/7141.97.474.83  
Tel: +1-408-666-1684  
+1-650-380-3067  
Fax: 1 408 964 0606

[www.voice-insight.com](http://www.voice-insight.com)

[Geo.support@voice-insight.com](mailto:Geo.support@voice-insight.com)

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