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KT-Tech Inc.

**KTvid** launch

Booth 112, CTIA, San Francisco. October 23, 2007.

**CTIA WIRELESS I.T. & Entertainment 2007**

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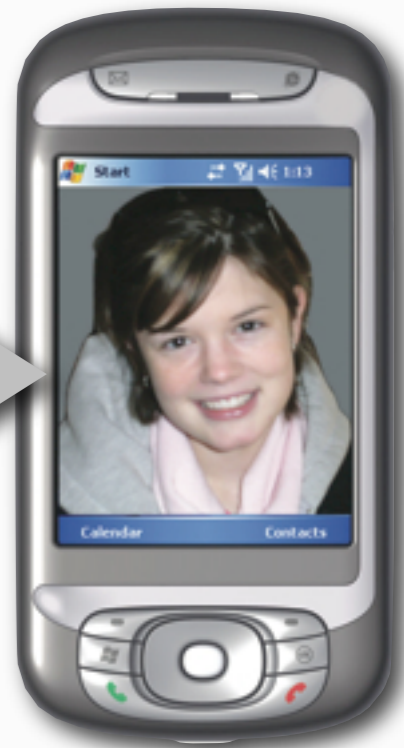
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## Announcing: KTvid

**Real-time, two-way  
video-conferencing for mobile phones**



**High-quality video over low bandwidth  
Works on today's 2.5G networks  
Software-based, small memory footprint**



## KTvid changes the rules

- Until now, video-conferencing on a mobile phone has been elusive:
  - ▶ **Not** real-time; **not** 2-way; **poor quality**
  - ▶ **Priced too high** for consumer adoption
  - ▶ Requires **3G network** for decent quality
  - ▶ As a result, limited deployment by carriers
- **KTvid** is carrier-independent, network-independent (CDMA or GSM), and runs on any Windows Mobile Professional handset
- **KTvid** enables real-time, two-way video+audio over **today's networks** (wireless and Internet), on **today's handsets**

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# KTvid delivers exceptional image quality

- KTvid brings advanced imaging technology to cell phones
  - ▶ Uses proprietary image compression and smoothing technology
  - ▶ Even at low frame rates (8 fps), the KTvid codec delivers quality equivalent to 15 fps from codecs currently available
- Demo

**Result:** smooth, sharp video quality — even at low bandwidths

## Under the hood

- Real-time, scalable (narrowband to HDTV)
- Proprietary, software-based encoder/decoder
- Small, light, fast (install requires only 400KB)
- Runs on Windows Mobile 5/6 & Windows XP/Vista
- Patented



## KTvid: benefits

- Works on today's 2.5G networks; no need to wait for 3G
- Provides true, real-time video + voice transmission on today's devices (mobile phones, PDAs, PCs) over bandwidth as narrow as 10–30 Kbps with <1/10th second latency
- Software-based; no special hardware needed
- Easy install; can be added post-sale & post-production
- Addresses **consumer trends** (e.g. UGC, live 'citizen journalism,' social networks); **business needs** (e.g. visual tech support)

# Works today on WM5/6

- KTvid works on Windows Mobile Professional handsets
- Includes the latest models in stores now :
  - ▶ **AT&T:** 8525; 8925 “Tilt” (debut Oct 2007)
  - ▶ **Sprint:** HTC Herald, HTC Mogul 6800; Treo 700wx
  - ▶ **T-Mobile:** T-Mobile MDA; T-Mobile Wing
  - ▶ **Verizon:** Verizon XV 6700, Treo 700w
  - ▶ KTvid can also run on the New **HTC “Touch”** running WM 6.0 (not yet released in USA).



# Business model

- KT-Tech is seeking licensing opportunities with:
  - ▶ Handset manufacturers
  - ▶ Carriers
  - ▶ Operating system providers
- Potential for consumer, shrink-wrapped version
- KTvid could be offered on other OS platforms



# Company

- KT-Tech Inc. founded in 1991 by Dr. Bao Ting Lerner
  - ▶ (First woman to achieve status of tenured Full Professor in Science at U.S. Naval Academy, Mathematics Department, 1979-1991)
- KT-Tech has also invented technologies for:
  - ▶ High-quality still-image compression (beats JPEG, even at lower file size)
  - ▶ High-quality, full-frequency audio compression



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# Contact

**Rob Lerner**, COO

KT-Tech Inc.

12409 Winding Lane

Bowie, MD 20715

(301) 262-0081

[rlerner@kttech.com](mailto:rlerner@kttech.com)

[www.kttech.com](http://www.kttech.com)