01 Communique's Remote Wake-Up Technology

Our new remote wake-up technology allows a remote employee, using a web browser, to securely log into the I'm InTouch CSE wake-up server to power-up their previously shut down computer.

The solution is comprised of:

- The wake-up server (a standard component of the CSE server machine housed on the customer business premise)
- At least one PC on the LAN designated by the CSE System Administrator as the "wake-up proxy" and that will be "always on"
- The remote users PC with hardware that supports standard Wake-on-LAN functionality.

The I'm InTouch CSE wake-up server stores the "Computer name", "MAC address" and the "wake-up password" for the remote users target PC, that is already running the I'm InTouch remote access enabling software. Once the user authenticates themself with the wake-up server, the wake-up server finds the designated wake-up proxy machine(s) on the LAN and passes along the remote users target PC MAC address. (The wake-up server finds and talks to the "wake-up proxy" machine on the LAN using our existing patented technology, U.S. Patent # 6,928,479).

The wake-up proxy now locates the employees destination PC on the LAN and sends a wake signal, like that utilized in current day "Wake-on-LAN" technology. With this wake-up complete, and the users PC powered on, the user can now do their final remote access authentication so that he/she can remotely access and control their office PC.