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## Premise-based Systems

## Hosted IP Communications

### Basic Requirements

A premise-based phone system requires a secure physical location on-site, wiring from the telco room to all of the user connections, and knowledgeable IT staff to take care of regular maintenance, upgrades and licensing, and user changes.

OneConnect will audit and recommend configuration for your existing LAN to make it 'plug-and-play' for fully-featured handsets that your employees can use anywhere with a broadband internet connection and OneConnect takes care of upgrades, licences and maintenance so you don't have to.

### Long Distance

Inter-office communications via long distance services (charges on a per minute basis) or via a costly dedicated inter-office voice communications link.

OneConnect's hosted IP solution supports 4-digit dialing, free long distance between offices, and reduces LD charges and the need for PSTN trunks.

### Infrastructure Requirements

Traditional phones require either a dedicated analog or Cat 5 line in addition to each user's Ethernet connection to the LAN, and a physical location on-site is needed to house the system.

IP phones will connect in series between a user's computer and the existing LAN, eliminating the need to manage two networks and increasing the ROI on network expenditures.

### Mobile Workers/Telecommuters

Remote users must be considered, as they will use multiple lines and connections to and from the PBX. VPN security rules must be in place to manage traffic.

Remote users can use PC Client to call into the office or anywhere else using a desktop or laptop computer and OneConnect will handle all of the routing and security.

### Adding Features and Users

Additional features usually require hardware upgrades and increased licensing costs on top of the regular maintenance costs of owning premise equipment. Additional users will also require more PSTN connections to the system.

Linear phones automatically update themselves with firmware upgrades, and adding new features and users is taken care of by Linear. Add one user or whole offices at a time, fully integrated to the existing phone system.

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**TABLE 1 Advantages/Disadvantages: Hosted [icons] vs. CPE**

System/Service Element	Premises System Advantage	Hosted Service Advantage
Implementation		✓
Growth Management		✓
Maintenance		*
Network Management		✓
Administration	✓	
Mixed IP and TDM Network		*
Mixed IP and TDM Terminals		✓
Security		*
Reliability		✓
Continuity		*
E-911		✓
Virtual Office		✓
Purchasing Leverage	✓	
Cash Flow	0	0
Custom Applications	*	
Software Upgrades		*
Mergers and Acquisitions		*
Staffing		*
Obsolescence		✓
Degree of Advantage 0 - No advantage to either approach (may depend on customer's circumstances) ✓ - Modest advantage * - Strong advantage		

Dolsky and Williams. *Hosted Versus Premises IP-Telephony*. BUSINESS COMMUNICATIONS REVIEW, NOV 2005, Pg 51.