

VDI Project Update

- Slow building infrastructure – lot of time and effort
- ROI: Original 850 PCs reduced to 527 because PCs being replaced since original analysis. This was due to failing PCs being replaced before we could replace with VDI and PCs purchased by grants.
- Thin PC- converting a regular PC to a virtual PC. Basically the PC becomes simply the conduit to our network where the virtual PC and all applications are stored.
 - Older PCs did not work as Thin PC as planned.
- Thin application- the process of reducing applications to only the functions that are necessary.
 - This has been problematic at best.
 - Some expected applications would not work in this mode.
- Some newer applications would not work in virtual environment (Google Maps).
- Regular scheduled recomposes caused a lot of frustration for all users
- **We have 18 different departments**
 - **Multiple PC images within each department**
 - **VDI works well in a homogenous environment**
- Printer Management a nightmare
- Management of this environment is complicated and is causing users' more and more frustration.
 - Manpower requirements -like ROI chart
- *The vSphere 5.0 upgrade was supposed to resolve problems and increase productivity. It solved some problems but created new ones.*
 - **Zero clients failed and continue to experience issues with new vSphere upgrade.**
 - **Horrible support from HP (Zero clients) during the upgrade weekend**
- Significant issues after 200 installs
 - Time required to support goal of 600 was unthinkable
- Zero clients – a solid state unit that replaces the PC. It is used to connect to the network where the virtual PC and all applications are stored.
 - **HP Zero Clients fell over after the vSphere 5.0 upgrade – this was the straw that broke “my” back (HP support issue).**
- PC users very reluctant to give up their “real” PC

While the virtual desktop technology was promising we have discovered it does not work well in our diverse environment. On the other hand the virtual server technology has proven to be very valuable to Kitsap County.