

DaaS Hardware

In This Article

- Overview
- Product Description
- Objectives
- Operational Dependencies
- Targets

Overview

Thin clients are built for easy integration into a DaaS environment. They offer a simple, out-of-the-box plug and play experience.

Their performance meets the demands of the compute end user by providing a fully functional desktop computer experience in a small form factor.



Advantages of Thin Clients

Space

Thin clients are, unsurprisingly, physically tiny. This means that in areas where you don't have a lot of space to work with, thin clients can provide a user with access to a machine without taking up much room. In addition, since thin clients hand off the heavy lifting to a server, they don't require as much "breathing room" for the fans to cool the internals of the machine. If a business work-space is located within an industrial environment where dust and debris might hamper the function of a normal computer, a thin client could be the right choice.

Lower Costs

In the long run, using thin clients will save OpEx because they have few internal parts, there aren't many ways that the device could physically break. In addition, they are easy to plug in and set up, which also saves on OpEx costs.

You'll experience longer lifespans with thin clients, too. With no moving internal parts and the operating system/software handled on the server, thin clients take far longer to become outdated than a typical PC.

More Security

Users accidentally installing malware or otherwise compromising your systems is always a threat with dedicated PCs. Using thin clients, users only have access to the server (which they need to be connected to in order to use their computer) via a network connection, which the customer and Evolve IP control. This allows customers to define strict rules for security to ensure that malware and other problems are kept out.

Since all activity is centered in one place, it simplifies the process of Administration for thin clients.

Easier to Manage

When every employee has their own computer, customer IT departments have to deal with the possibility of every computer running into an issue (whether that is hardware, software or both). Using thin clients, everyone remotely connects to a server which makes for less time spent on setup, running Windows Updates, and fixing common issues.

With everything being centrally located means your infrastructure runs more efficiently. In addition, when thin clients do need to be replaced, they can be easily swapped for another machine and it only takes a moment to plug in the keyboard, mouse, and monitor into the new one. All of the data is stored on the server, meaning that you don't lose anything if a thin client is destroyed in a disaster or stolen.

Energy Efficiency

Thin clients consumer far less power than normal PCs. They also produce less heat than a desktop or laptop and they do not need mechanical parts replaced.

This leads to a greener operating model than PC's and laptops which is highly valued in today's business world.

Product Description

- Thin clients can be deployed right out-of-the box due to simplified automatic setup, configuration and management.
- Thin clients connect to Evolve IP's DaaS platform that runs Microsoft OS on top of a VMware or Citrix environment.
- Customers can manage the thin client by utilizing Dell 's proprietary Wyse Management Studio (WMS) or the The 10ZiG Manager.

Objectives

Evolve IP's objectives in providing thin client recommendations are:

- Provide new and existing customers with an certified thin client to assure an outstanding DaaS user experience.
- Increase the appeal/efficiency of DaaS opportunities by offering tested hardware solutions alongside the DaaS software.
- Provide the customer with options to maintain their devices through the use of Dell Wyse's Management Suite or the 10ZiG Manager.

Operational Dependencies

- DaaS
- Network
- Active Directory
- WMS or other update mechanism

Targets

- Prospects or Customers looking to reduce the cost of technology ownership.
- Multi-location customers