

## Integrated Solution Servers: Turn your "Farm" back into a "Room"

How many servers do you currently have supporting your communications infrastructure? How many do you plan to add to support new technologies such as text to speech, automatic speech recognition and videoconferencing? What if you could support all the cutting edge voice communication environments, including SIP, VoIP, TDM, and H.323, in one server? With an Integrated Solution Server, it's all possible.

An Integrated Solution Server (ISS) eliminates the traditional sprawling infrastructure that uses multiple servers that are often complex and expensive to maintain. All the latest voice communication languages are contained in a cohesive, single unit. Using a 64-bit back plane, you can integrate with older PBX systems, such as ECS or ADIX, in order to protect your existing infrastructure investment. Then through Session Initiated Protocol (SIP), your network can communicate with SIP-compliant applications.

When adding a mobility server such as the Iwatsu Enterprise Office Linx , trunks and PCI analog cards are no longer required. SIP trunks and an Ethernet interface built into the ISS can handle all the work for you-saving potentially thousands in the process. The same applies to interfacing with the Iwatsu Enterprise Communications Server. You can bring the older digital technology and IP together without adding multiple servers.

### What You'll Save


A big electricity bill for one thing. And something else you may not have thought of-heat. Deploying these new technologies the traditional way means adding servers, as many as 5 or 6 of them. That many servers generate a significant amount of heat and they must be kept in a precise temperature and humidity controlled area. This means even higher electricity bills.

### What You'll Gain

An Integrated Solution Servers delivers an inherent, dedicated functionality improvement gained by integrating disparate technologies into one passively-cooled box. Take the example of videoconferencing. Traditional videoconferencing is point-to-point. But when integrating H.323 into your telecommunications server, you can network in multiple audio callers in different locations, just like a traditional conference call. After all, the H.323 endpoint is simply an extension on the communications server.

With an ISS, tying in remote users to your network is easy. You no longer will need to add hardware and develop custom software. You can get new offsite employees up and running quicker and enhance their mobility. This is just a sample of the productivity benefits that this type of architecture can offer.

With a drastically reduced physical infrastructure, day-to-day maintenance will be much more



manageable. Electricity costs become significantly less, and you will not need nearly as much space or climate control to accommodate your servers. In fact, some of the new Integrated Solution Servers run cool enough that they do not even require cooling fans.

But the real differentiator of an Integrated Solution Server network is its ability to grow with your business. No matter what type of communication applications you decide to add in the future, you will have a network that's ready for the change. This progressive capability is what your organization will need as these new technologies continue to improve and evolve.

When looking at different vendors to deploy this type of operating environment, be sure it is a true integrated solution. Many vendors will promise this functionality, but will deliver it through the multiple servers, custom scripts and analog cards. But there is no reason for this model anymore, as the "server farm" is going the way of the Dodo.