

**Customer Industry:**

Telecommunications

**Key Challenges:**

Increase performance of 300-plus servers

**Environment:**

Windows and Linux, VMware

**Software Solution:**

Paragon Alignment Tool Enterprise Edition

**Business Benefits:**

Quick, efficient alignment of disks improved performance and extends lifecycle of virtual servers

## Global Telecommunications Company Improves Performance of Virtual Servers with Partition Alignment Utilizing the Paragon Alignment Tool

### *User-Friendly Interface/Quick Alignment Process*

**The Challenge and the Search for the Perfect Solution**

A global provider of business collaboration and communications products and services began experiencing critical performance issues with 300 of their virtual servers. An analysis of the problem revealed alignment issues surrounding their partitions in the virtual environment.

After evaluating two alignment tools, Paragon's and a major competitor, they selected the [Paragon Alignment Tool Enterprise Edition](#) for its user-friendly interface, quick alignment capabilities and Paragon's superior customer service.

**Feature Highlights: Paragon Alignment Tool**

Misalignment of the logical partition sectors and actual physical sectors leads to redundant read/write operations, which results in a critical decrease in I/O performance and drive longevity. With the Paragon Alignment Tool (PAT) Enterprise Edition, you can quickly and easily align your drive to eliminate these problems.

Other available editions are: [PAT ESX](#), [PAT Scriptable Staging Edition](#) and PAT NetApp Edition.

**Key Features**

- Aligns partitions in a single operation and "in place" (no swap space is required in virtual environments)
- Guarantees safety for the on-disk system and data
- Boosts performance of disk subsystems up to 300 percent
- Significantly increases longevity of SSDs and HDDs
- Aligns partitions inside virtual containers and the host
- Aligns partitions on advance format 4K disks (AFDs)
- Offers flexibility for fine tuning the behavior of the alignment operation
- Automated restart of alignment in case of an emergency during the alignment process