

## CHARON-PAR: THE VIRTUAL PA-RISC SYSTEM



CHARON-PAR is a software solution that creates a virtual PAR-RISC system environment running a 100% unmodified copy of MPE/iX 7.5. This is accomplished on industry standard Intel x64 servers running one of two supported Linux distributions: Red Hat 7.x or CentOS 7.x or under VMware running one of the two supported Linux distributions as a guest operating system.

With the CHARON-PAR solution, you can securely transfer your PAR-RISC to a state-of-the-art environment. The Stromasys solution enables third party applications and user-developed software to run without any modification whatsoever.

HP recognizes CHARON-PAR software as a valid platform to run MPE, and CHARON-PAR passes the original MPE hardware qualification tests.

### THE BENEFITS OF VIRTUALIZATION: WHY VIRTUALIZATION IS YOUR BEST OPTION

#### • BUSINESS CONTINUITY

- Minimal disruption during migration to new hardware platforms, as all applications, middleware, and data remain unchanged.
- Disaster recovery facilities use industry standard hardware platforms and require a lower investment than providing duplicate classic hardware.
- Modern hardware improves reliability and availability using redundant hardware and data replication technologies not available previously in classic hardware.

#### • REDUCE RISK

- Downtime is not an option for your mission-critical systems. By removing the classic hardware from the equation, Charon solutions diminish your risk of unplanned downtime.
- Extend the life cycle of your critical applications. Classic hardware may be end-of-life, but the applications running on that hardware are not. With Stromasys, those applications will continue to run, unchanged, on a modern platform – thus ensuring business continuity.

#### • LOWER COSTS

- Not only are Stromasys solutions lower in cost than full migration, but they are often less than the cost of a single year's support of the classic hardware.
- You will also get a substantial reduction in power usage, decreasing the utility bill, not to mention your company's environmental impact!

#### • IMPROVE PERFORMANCE

- Stromasys solutions run on modern architecture, bringing your applications into the 21st century. Customers marvel at the dramatic speed improvements when running commands on Charon compared to the original hardware – accomplishing tasks in a fraction of the time!

#### • DATA CENTER CONSOLIDATION

- With Stromasys classic systems virtualization solutions under VMware, customers can finally enjoy enterprise consolidation and integration using a common virtual data center infrastructure.
- Replacing classic systems hardware with industry standard server infrastructure simplifies data center management and operations with the same set of management tools used for modern server platforms.
- Customers save a great deal of time and effort with regard to backup and archive tasks, using the latest network and removable media and automated tools.

### *Choose Business Continuity with Stromasys*

If your business is running classic systems, let us help you virtualize. Our team of experts can provide solutions that will allow you to maintain those systems without the risks associated with the classic hardware.



## CHARON-PAR OFFERS THE FOLLOWING VIRTUALIZED HARDWARE

PA-RISC	Equivalent speed	Maximum memory	EPU
A408	60 MHz	1 GB	2-3
A410	110 MHz	2 GB	4-5
A510	200 MHz	8 GB	7-8
A520	200 MHz	8 GB	13-14
N4010	250 MHz	16 GB	10-12
N4020	250 MHz	16 GB	18-20
N4030	250 MHz	16 GB	27-29
N4040	250 MHz	16 GB	36-38

**THIS LIST IS NOT EXHAUSTIVE. WE OFFER AN HPA SOLUTION FOR ALL PAR RISC SYSTEMS. CONTACT US!**

## CHARON-PAR CONFIGURATIONS

The CHARON-PAR product family is a range of fully compatible virtualized PA-RISC systems, running on industry standard Intel x64 (Core i7 and Xeon) servers. Virtualization technology takes advantage of technological advantages since PA-RISC systems were built, translating PA-RISC instructions on-the-fly into optimized sequences of Intel CPU instructions. CHARON-PAR servers run 100% unmodified copies of MPE/iX 7.5, and allow you to restore your applications and third-party software onto modern, reliable, high-performance hardware, providing a “best of both worlds” solution. The CHARON-PAR family performance ranges through A400 and A500 series equivalence at the low-end, to mid-range multi-processor N4000 series equivalence at the high-end.

## LICENSE TRANSFER OPTIONS

### HP MPE/iX License Transfer

Keep your MPE/iX operating system legal with a transfer license from HP. This license allows the transfer of the MPE/iX operating system license to servers running the CHARON- PAR environment.

