



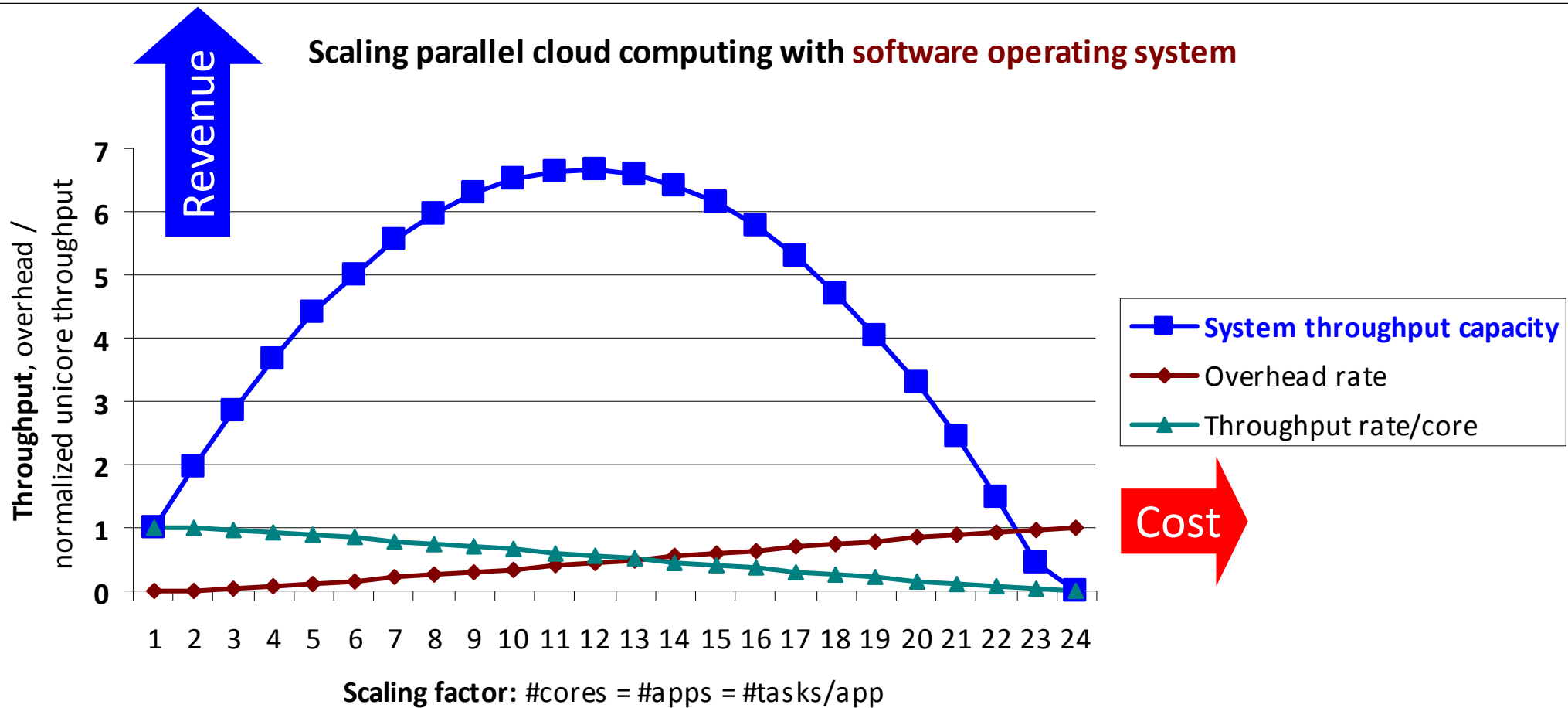
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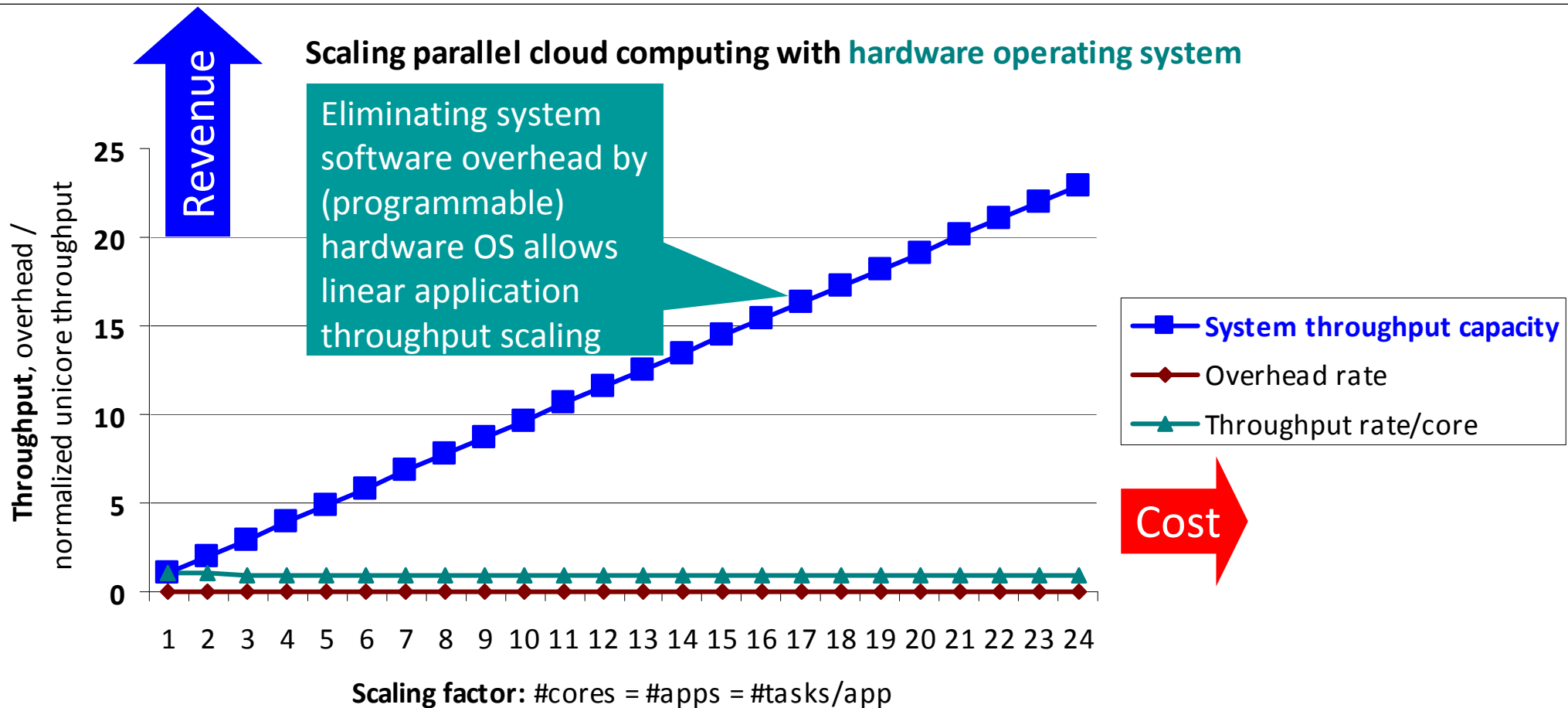
Parallel Computing
Development and Hosting
Platform as a Service



Scalability Problem in Parallel Cloud Computing = SYSTEM SOFTWARE OVERHEAD



Scalability **Solution** for Parallel Cloud Computing = AUTOMATE SYSTEM FUNCTIONS IN **HARDWARE**





THROUGHPUTER, INC.

- **Delivering high performance cloud computing**
- **Based on** patented dynamic manycore **cloud processor** architecture
 - embedded OS keeps the cores working efficiently *together* when dynamically shared among multiple parallelized apps
 - programmable hardware for flexibility + application specific cores
 - client apps can have any software OS for their app-scope purposes
- **Enables** optimized cloud computing **cost-efficiency, performance, scalability** and **security** + development **productivity**
- **Offered** via user-friendly **PaaS** model



High Performance Cloud Computing via
Parallel Program Development and Execution PaaS

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