



RETTIT

Resource Efficient Technologies & IT Systems

Why?

- IT operation costs are directly dependent on the capacity required to run software systems with given performance goals

IT Capacity
(Required Hard- and Software Resources)



- Administration costs (Labor, Support, Consulting)
- Initial Soft- and Hardware costs
- Energy consumption
- License fees
- Continuous cost for renting computing capacity (e.g., from cloud providers)
- Data center rent
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IT Operation Costs

We believe that IT systems can run with a lot less capacity than they do today. Due to the lack of good capacity estimation and evaluation approaches, IT systems consume more resources than they need to and create unnecessary IT operation costs.

What?

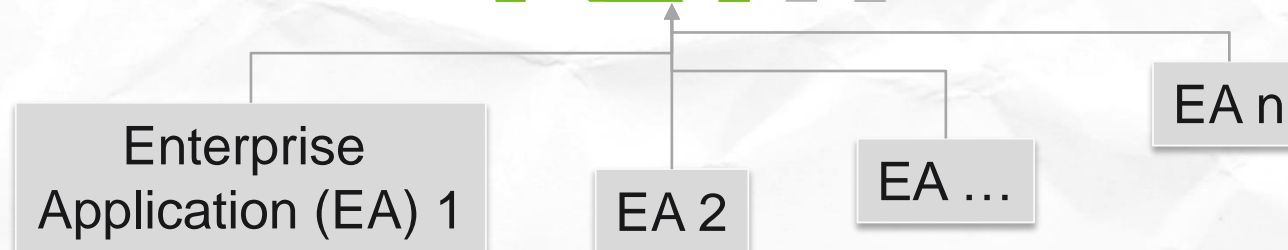
- RETIT offers technology that uses monitoring data in order to estimate the required IT capacity for different scenarios and given performance goals



Can we ...

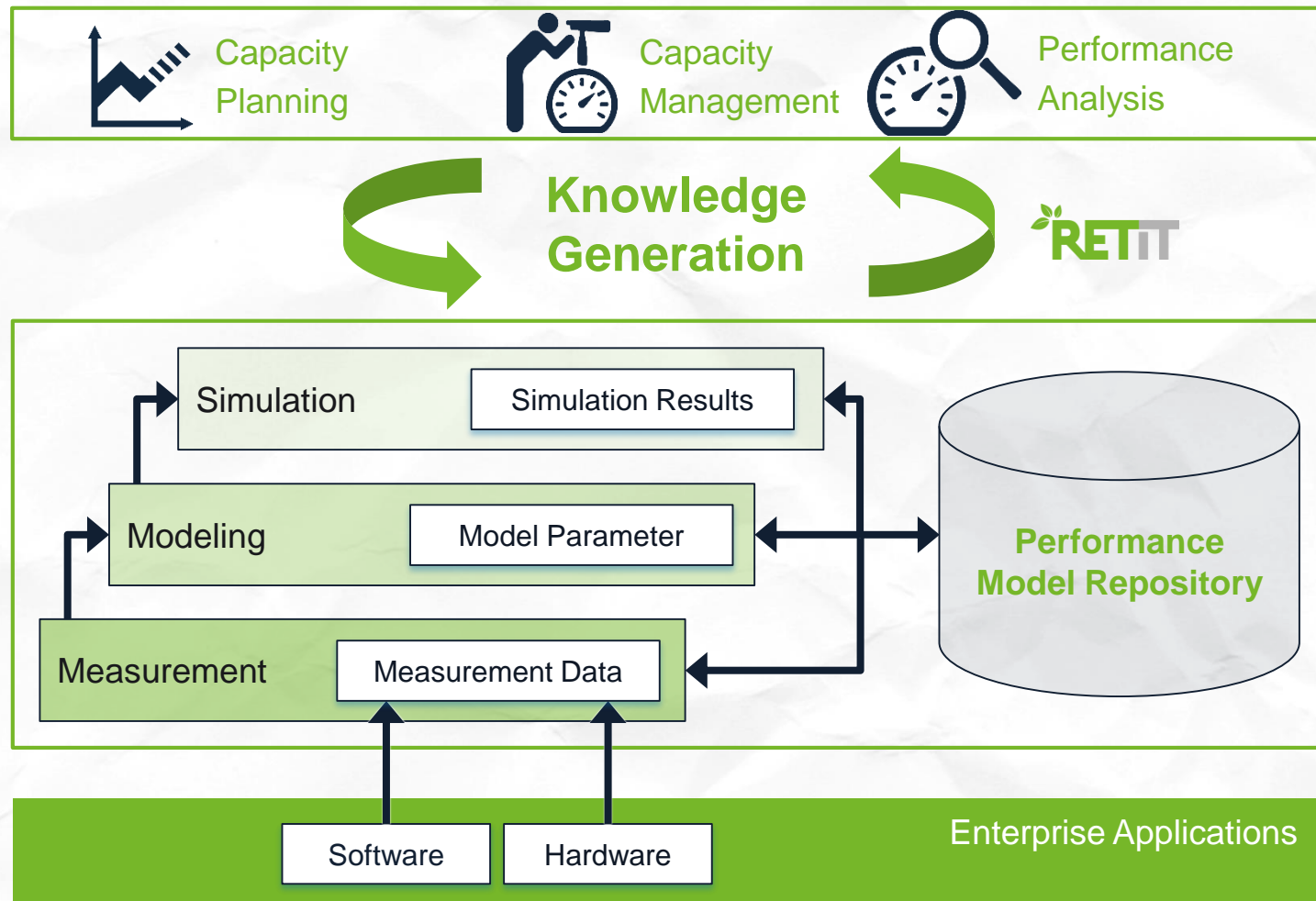
- ... reduce our license cost by reducing the capacity?
- ... reduce the number of servers/CPUs?
- ... combine multiple VMs on one HW machine?
- ... add a new enterprise application using our existing capacity?
- ... allow additional users to an enterprise application?
- ... bill our users based on their capacity demand?
- ... handle changes in user behaviour?
- ...

RETIT



How?

- RETIT technology transforms monitoring data into performance models and uses them to derive performance predictions using simulations



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