

Fast, efficient HPC in one feature-rich toolbox

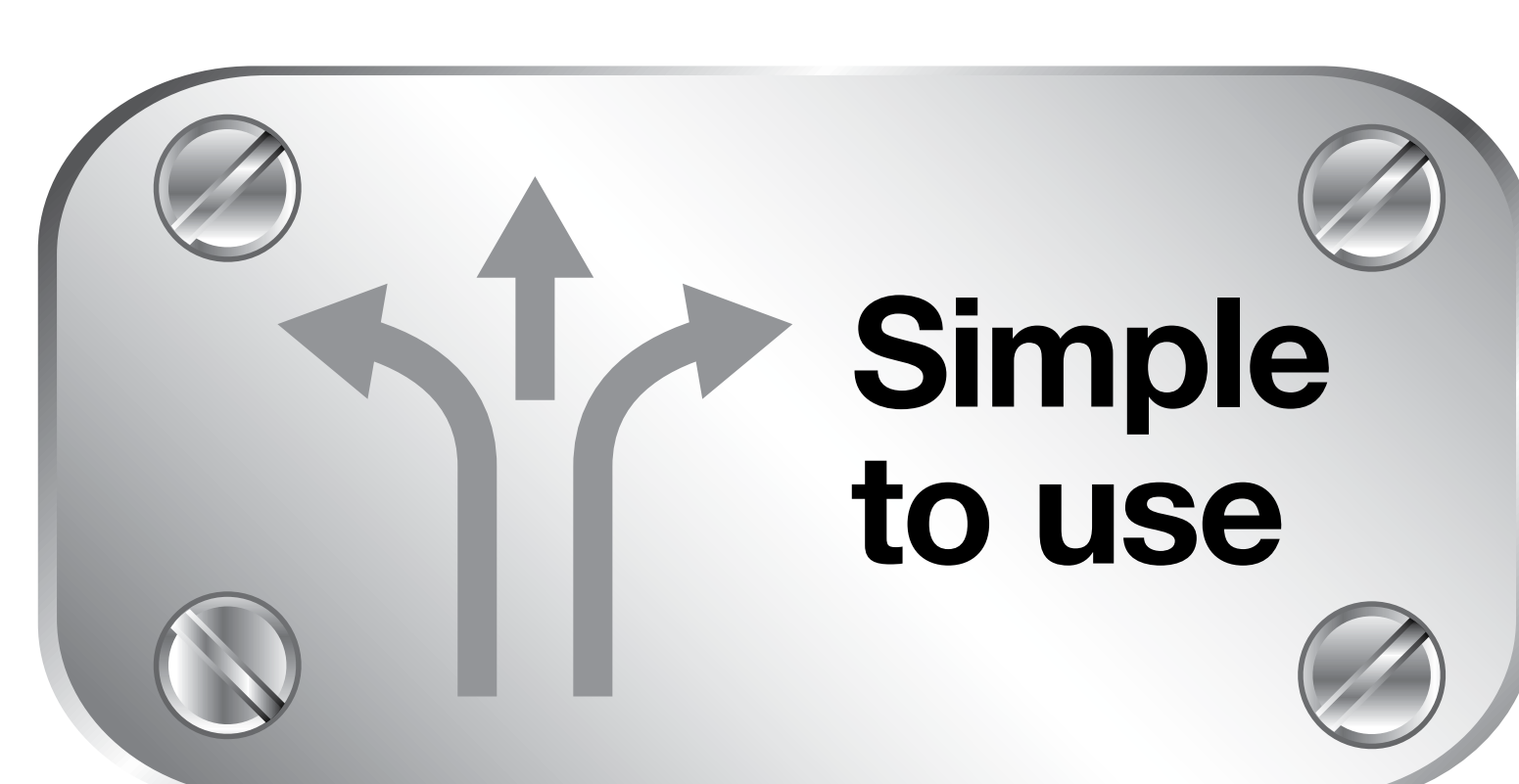
HPC is your competitive advantage—make the most of it with IBM® Spectrum LSF



Fast results



Less cost

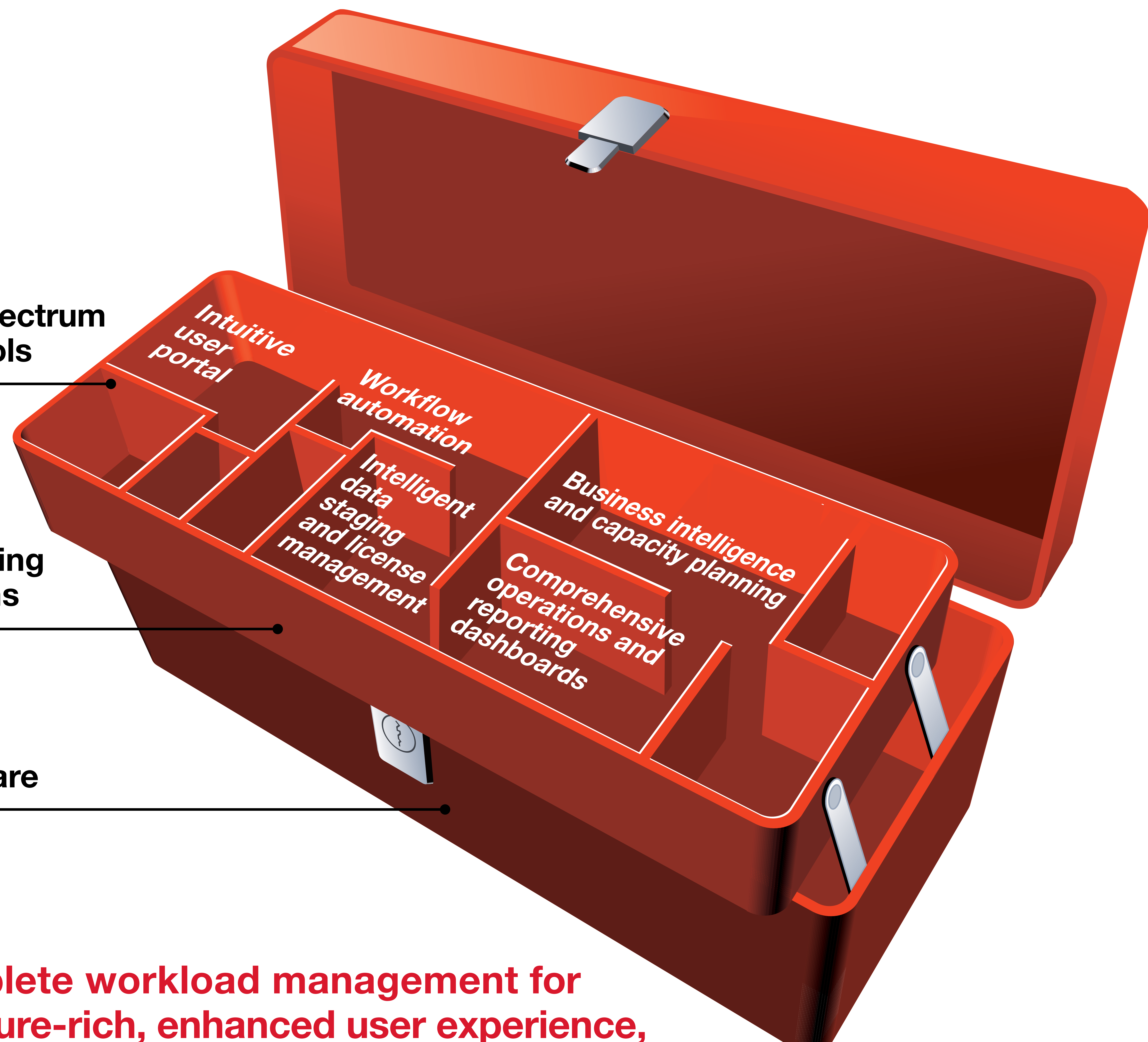


Simple to use

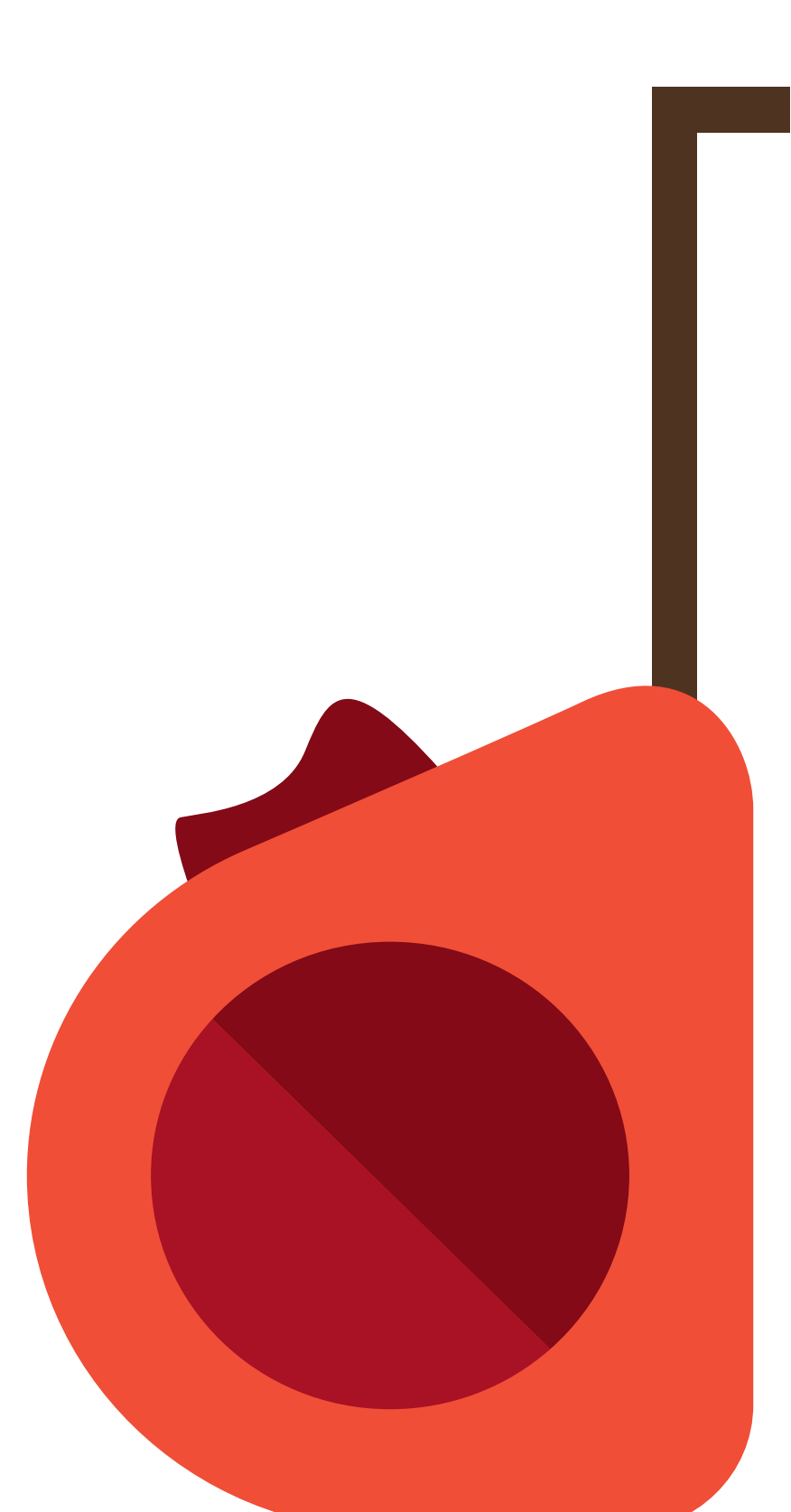
IBM Spectrum LSF tools

Operating systems

Hardware



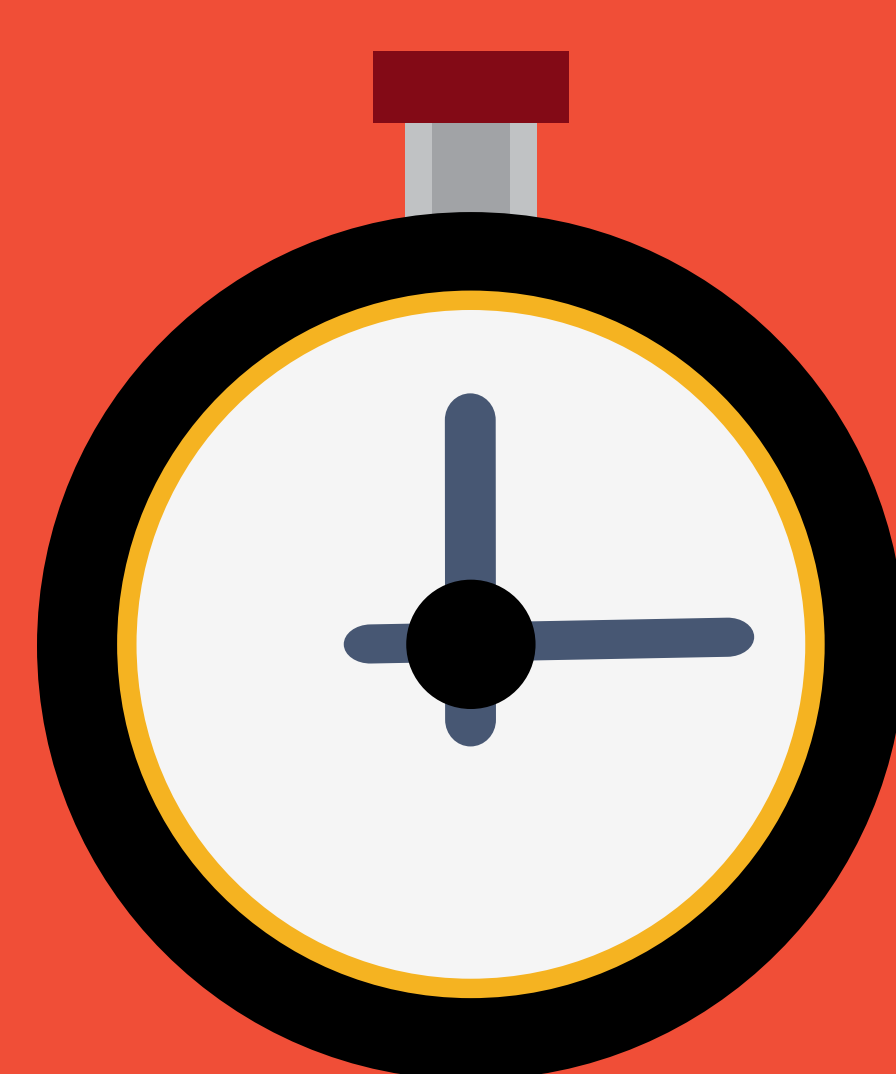
Complete workload management for a feature-rich, enhanced user experience, plus broad OS and platform support.



Comprehensive workload management

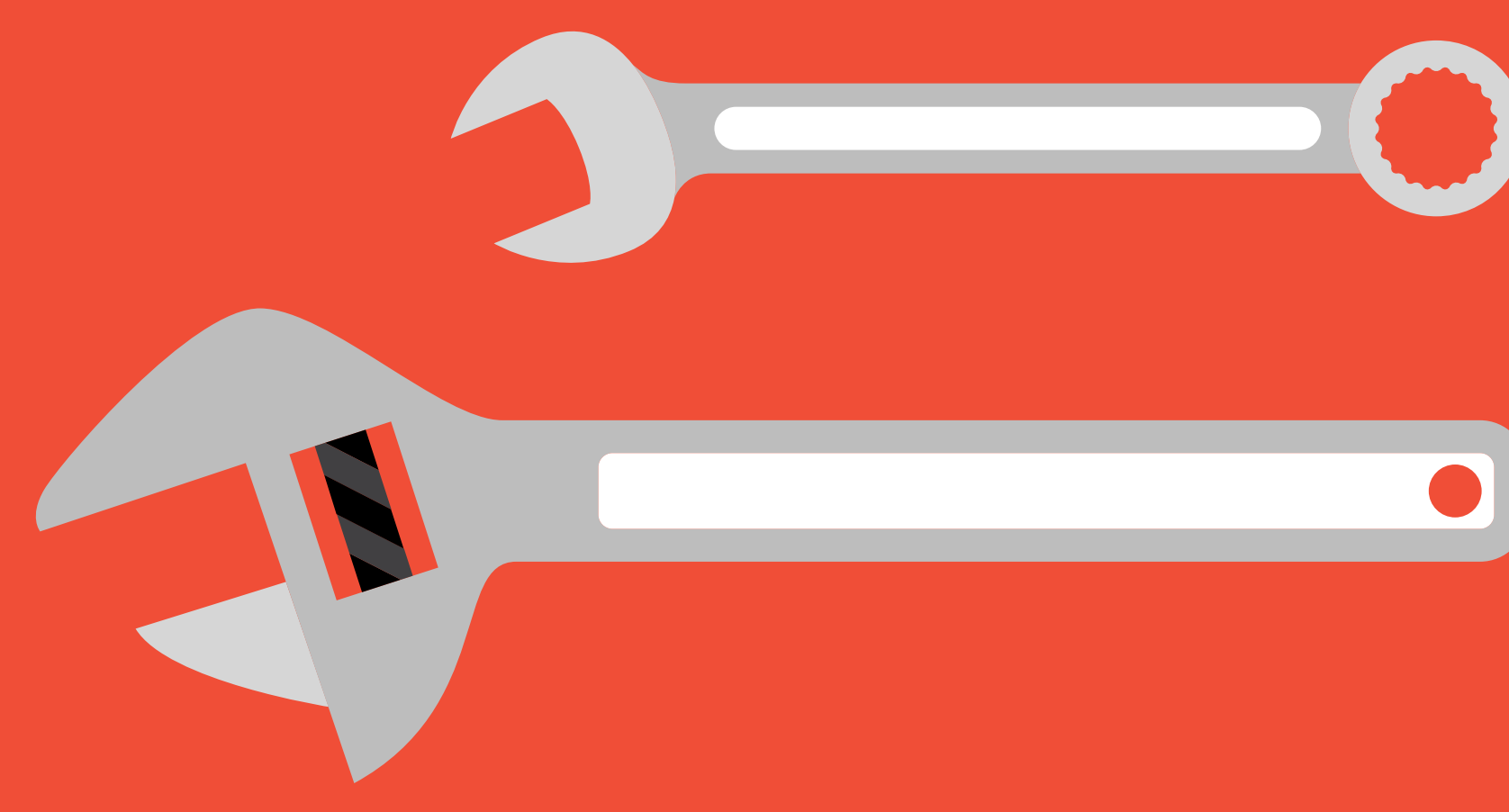
IBM Spectrum LSF is an extensive workload management solution that helps simplify HPC through an enhanced user and administrator experience while offering reliability and performance at scale. It is built on over two decades of success running some of the world's most complex and demanding workloads.

Do more work in less time



Accelerate research and design

Intelligent resource and application management can accelerate workflow throughput and data access times by 30 percent¹



Simplify HPC

Easy-to-use interfaces for job and workflow management help simplify HPC and promote expanded use



Provide intelligent scheduling

Ensure the right resources are allocated to the right jobs at the right time, and enhance performance with cognitive data and license-aware scheduling



Support heterogeneous environments

From IBM AIX® to Windows, ARM, OpenPOWER, x86, IBM System z®, GPUs and containers, you can support virtually all operating systems and architectures—on premises and in private, public and hybrid clouds

Benefits of a feature-rich product family



Iterate with ease

Improve global workflows

“IBM Spectrum products allow us to move new applications in and out of the workflow very efficiently, even when workflows span global distances. We can run them side-by-side so we can understand what the differences are, and then provide ourselves with a workflow, which is a step forward.”

—Nathan Sykes
Head of Numerical Tools and Technology for Red Bull Racing



Deliver HPC speed and performance

Accelerate time to results

“IBM Spectrum LSF Suite for Workgroups is designed to be set up rapidly... Before, our workload scheduling tool was unreliable, and simply could not cope at enterprise level. Now, we rely on the easy-to-use web portal that is part of the IBM solution to optimize workload scheduling with ease and efficiency.”

—Romain Klein
Cloud Architect at Transvalor



More efficient resource utilization

Reduce management costs

“We are now seeing more and more jobs submitted with accurate memory requirements, which means more efficient use of our compute resources overall.”

—Dr. Peter Clapham
Principal Systems Administrator, Informatics Systems Group at the Wellcome Trust Sanger Institute



Learn more at: ibm.com/systems/spectrum-computing/products/lsf

¹ IBM case study: Red Bull Racing, October 18, 2016, <https://www-03.ibm.com/software/businesscasestudies/US/en/corp?synkey=X913810G65101S87>
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