

DevOps Optimization

The focus of DevOps is to get applications into production with increased agility. The objective of this service is to understand the performance and capacity considerations of new applications as they move into production.

ITBI™ creates transparency into which applications are using how much capacity on the mainframe, and when they are using that capacity.

Objective

The objective of this offering is to provide a common basis for dialog between the developers and the operations staff about how mainframe capacity costs are affected by the current application portfolio and how changes to applications affect those costs.

What we will deliver

SMT Data carries out a series of workshops with representatives from the customer's operations and development organisations. The workshops are based around the information available in the ITBI solution. The number of workshops will vary based on the size and complexity of the customer's environment, but typically include:

- A kick-off workshop to go through the technical reporting on capacity usage available in the ITBI solution and agree on how to map the technical dimensions (e.g. transactions, job, packages, users) to applications and thereby make it easier to understand and quantify the capacity usage in application terms. This workshop will also include identification of the important cost drivers, e.g. the applications contributing to the monthly peak utilization, to ensure focus on actions that will result in real cost savings. The workshop will also include basic training in the use of ITBI to analyse the capacity and performance of the mainframe.
- Based on the input from the kick-off workshop, SMT Data consultants will implement the agreed mapping and create custom reports focusing on the customer's specific OpsDev challenges. At the next workshop, these new reports will be reviewed. Findings and recommendations for specific cost optimization activities will also be reviewed.
- Additional meetings are held monthly or quarterly. This allows for an ongoing identification of new optimization recommendations and follow up on the status and impact of previous recommendations. The mapping and custom reports are continuously improved based on feedback from the previous meetings.

**Time frame**

1 month including 2 workshops. The kick-off workshop is normally held at project start and a follow-up workshop one month later. Additional workshops can be held monthly or quarterly after that, as long as the customer wishes to continue the service.

**Customer requirements**

The customer provides the required capacity and performance data to SMT Data. This typically means SMF types 70,72 and 30 for at least one month plus SMF 101 and 110 for selected peak days. The customer also provides optional business mapping input, which translates technical information like job or transaction names to business information such as department or application.

The customer also provides information regarding the technical computation methods agreed with the outsourcer for determining the capacity usage. The customer also provides the actual measurements and computations that form the basis for the invoice matching the period for which SMF data has been provided.

**For more information**

Please contact us on sales@smtdata.com