

**Microsoft® Office SharePoint® Server 2007 - 2010
Estimate Peak Throughput Worksheet**

SCENARIO/TYPE of SITE:

Fill this worksheet using the following topics:
Plan for Users and User Types
Plan for User Capacity

After filling this worksheet, use it with the following topics:
Plan for Data Capacity
TBD

Prepared by:

Date:

1. Record the user profile data.

From the Users and User Types worksheet, record the first four values. .

Determining Peak Throughput

Number of users	=
Percentage of active users per day	=
Number of common operations per active user per day	=
Number of complex operations per active user per day	=
Total number of operations per active user per day (common + complex)	=
Number of business hours per day	=
Peak factor (usually ranges between 1-5)	=

2. Calculate peak throughput required

Using the formula below, calculate the peak throughput (operations per second) required.

- # of users x # active users per day x # total operations per active user per day x peak factor
= _____
- Divide the result by 360,000 x # business hours per day = _____ operations per second*

NOTE: The constant 360,000 is derived from the following equation:

$$100 \text{ (percent conversion)} \times 60 \text{ (minutes per hour)} \times 60 \text{ (seconds per minute)}$$

TIP: Complete a separate worksheet for each type of site access—for example, Corporate portal site, Divisional portal site, Microsoft Windows SharePoint Services Team Site—as you will need to calculate the throughput required for each type of site you create initially and in the future.