Sizing Questionnaire

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 Contents

Contents 1-2

About This Guide 1-3

Introduction 1-3

System Sizing Questions 1-4

Company operations: 1-4

Hardware: 1-4

Network / System Architecture: 1-5

Customizations: 1-5

System usage: 1-5

System expectations: 1-5

About This Guide

# Introduction

* The purpose of this document is to gather information to aid in the sizing of a Production system for FlexPLM on Windchill PDMLink

System Sizing Questions

## Company operations:

1. **Number of active users**: **\_\_\_\_\_**
	1. This can be determined in two ways.
		1. Either total Named users (purchased seats)
		2. Or a % of total named users (typically 65 – 75% (+))
2. **Max. # of concurrent users** (users who are likely to be active at the same time – roundup to a multiple of 10) the system should be capable of supporting:
3. **% growth(# of users) each year. \_\_\_\_%**
4. What kinds of **user roles exist** and what are their **functions** and their **#’s**
	1. Examples are: Tech Designers, Sourcing Managers, Product Managers, etc. From this you would then need to know the % of each role.
	2. Location of users (global distribution)
	3. Examples of Heavy/Medium/Light Users
		1. Heavy = user performing line plan queries and tech pack generations, other heavy reports/activites
		2. Medium = general users doing daily activities of create objects and updating / Using system / running reports etc.
		3. Light = users who login to view objects really rare to update, possibly run a report or two but generally are just viewing simple data.

|  |  |  |  |
| --- | --- | --- | --- |
| **User Role** | **User Count (# or %)** | **User Location** **(Location or Timezone)** | **User Type (Heavy/Medium/Light)** |
|  |  |  |  |
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## Hardware:

1. **Planned OS platform (Type and Version)**  \_\_\_\_\_\_\_\_\_\_
2. **Validity of system recommendation** (# of years the recommendation will be valid for)\_\_\_
3. Need ability to replicate servers? \_YES/NO\_\_\_\_
4. **# of CPUs/server available** to support the application

## Network / System Architecture:

1. What is the current backbone supporting the network infrastructure. \_\_\_\_\_\_\_\_
	1. If global what is the connection between sites \_\_\_
2. **Worst case latency** observed in the network between server location and user sites:
3. **WAN Optimization**
	1. Is any WAN Optimization currently in place? YES/NO
	2. If YES to above, what is the type/name
4. Desire **cluster**? \_\_\_ \_\_\_\_ (YES, if more than a few hundred users will access the system)
5. What kind of **system layout** is planned?
6. Dedicated DB for the app or a shared? \_\_\_\_\_\_

## Customizations:

1. What sorts of customizations are planned? none
2. Will the customizations significantly alter any of FlexPLM’s OOB use cases (ie: does creating a product update 20 other objects, etc)
3. Will interfaces be running real time, or at batch
4. What kind of reports are planned to be run on / through the system
	1. How many reports are to be created and how frequently will they run.

## System usage:

1. **Number of seasons per year**: \_\_\_\_\_\_\_\_ (if none being used, indicate 1)
2. **Number of new products per season**: \_\_\_\_\_\_\_\_ (if no season, then include total # of new Products per year)
3. **Total number of products per season**: \_\_\_\_\_\_\_\_ (if no season, then total # of Products managed per year)
4. **Average size of content uploaded per Produc**t: (Ex: Five 1MB Images uploaded = 5MB content)
5. **Avg. # of times content uploaded per Product is iterated**:\_\_\_\_\_
6. **Number of colorways per product**: \_\_\_\_\_\_\_\_
7. **% growth in products count yearly** \_\_\_\_\_\_\_\_
8. **# of Colors expected to be managed in the System \_\_\_\_\_\_**
9. **# of Materials expected to be managed in the System \_\_\_\_\_**
10. **# of Supplier expected to be in the System \_\_\_\_\_**
11. # of products expected in results when running daily Line Sheet reports
	1. With Filters?
	2. Without Filters?
12. What kind of Lifecycle / Workflows will be in place

## System expectations:

1. Is there a current expected response time from systems in general (ex: X sec, Y sec Average response time)?