

## JOB MANAGEMENT PARTNER 1

# Considerations for a System Management Solution

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# JOB MANAGEMENT PARTNER 1

## Considerations for a System Management Solution

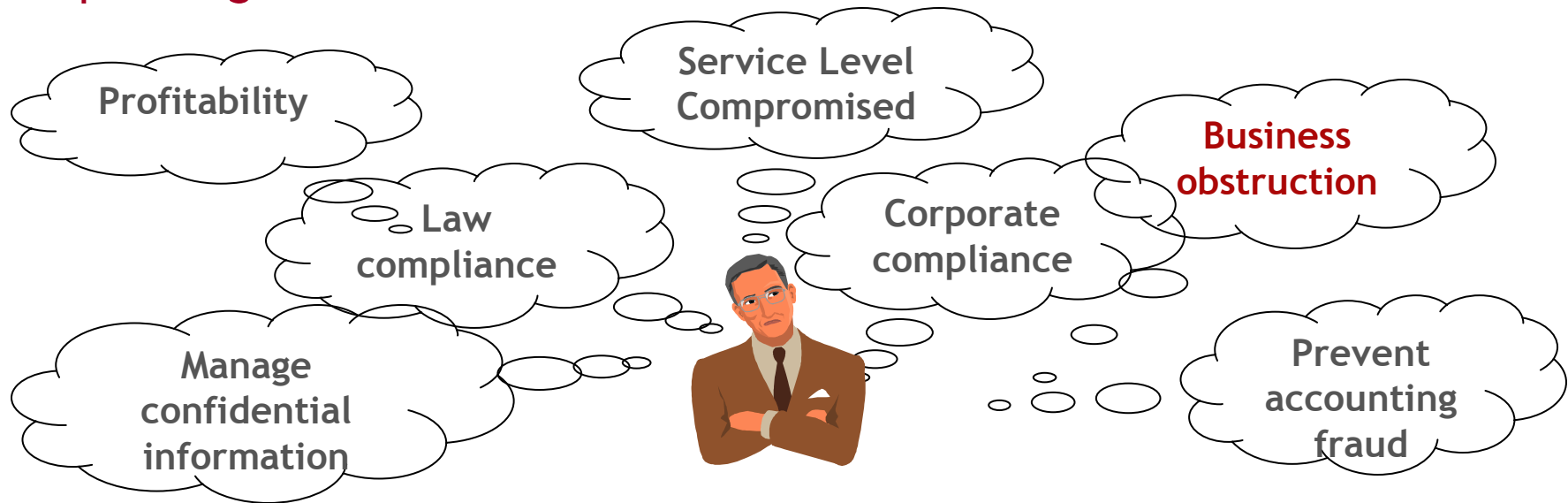
### Contents

1. Business Challenges
2. Introduction to JP1
3. Conclusion - JP1 Meeting your challengers

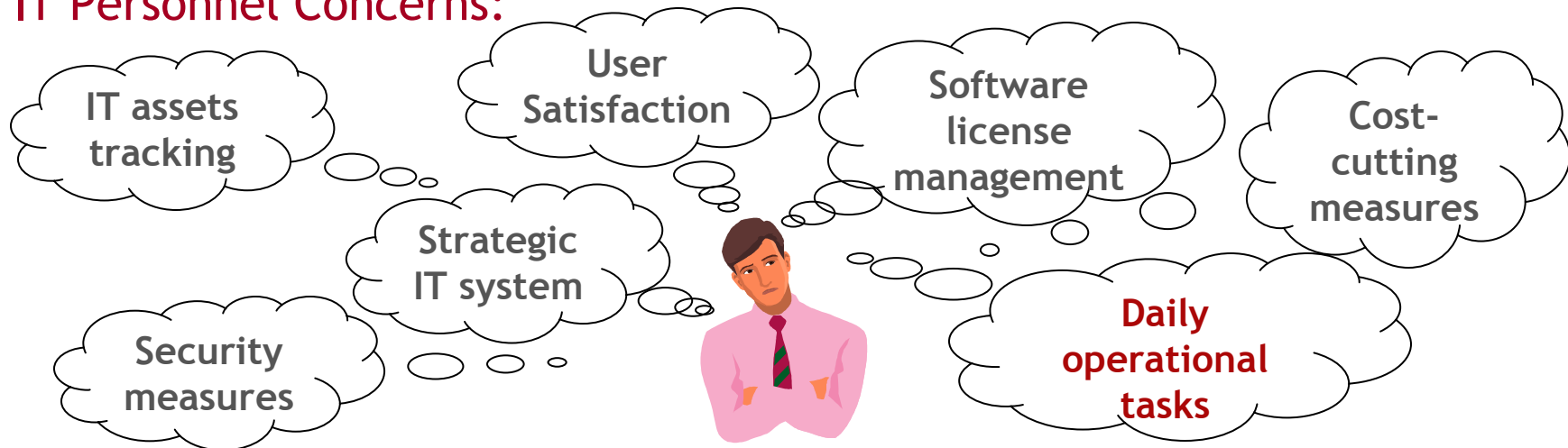
**JOB MANAGEMENT PARTNER 1 VERSION 8**  
**Consideration for System Management Solutions**

**1. Business Challenges**

## Top Management Concerns:

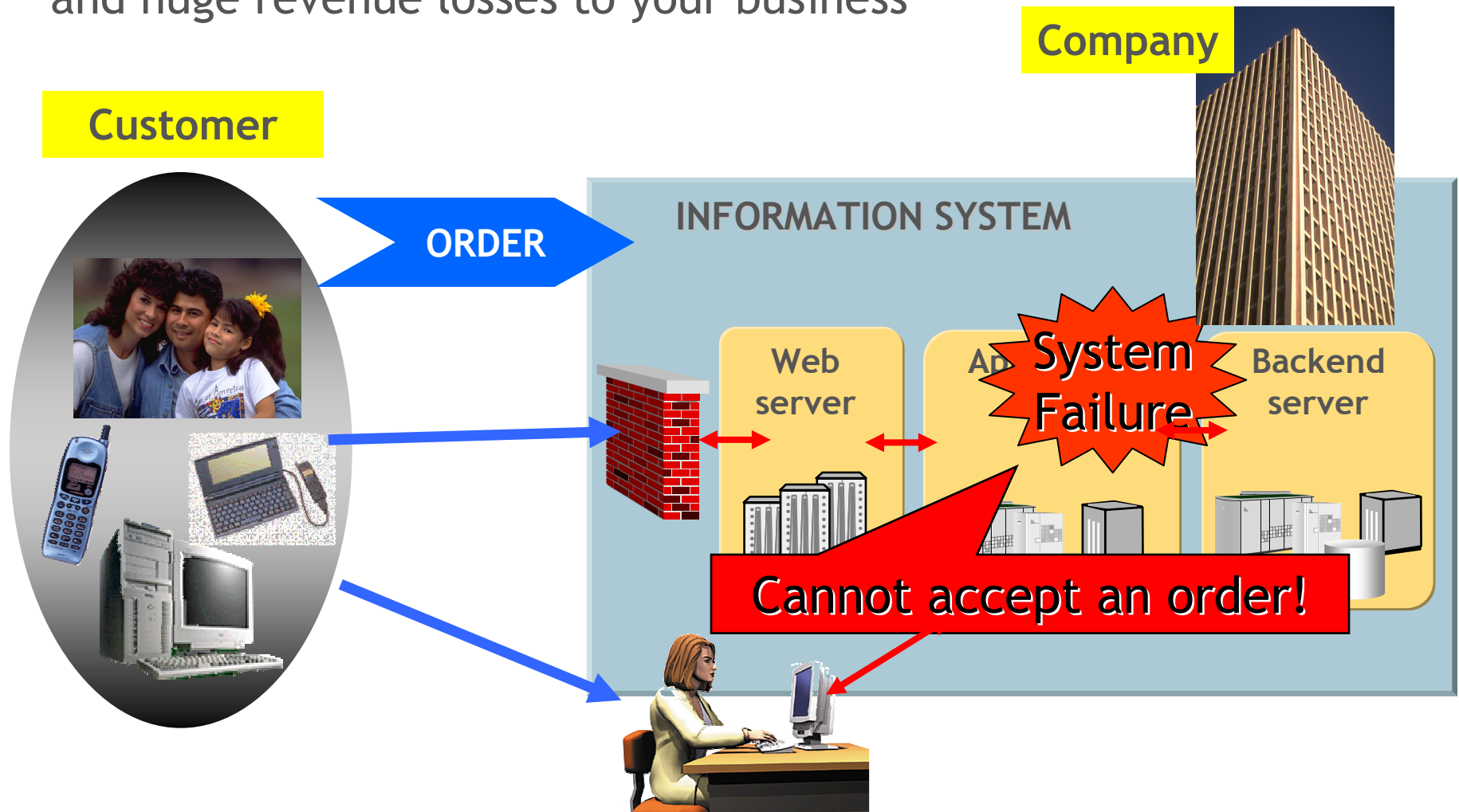


## IT Personnel Concerns:



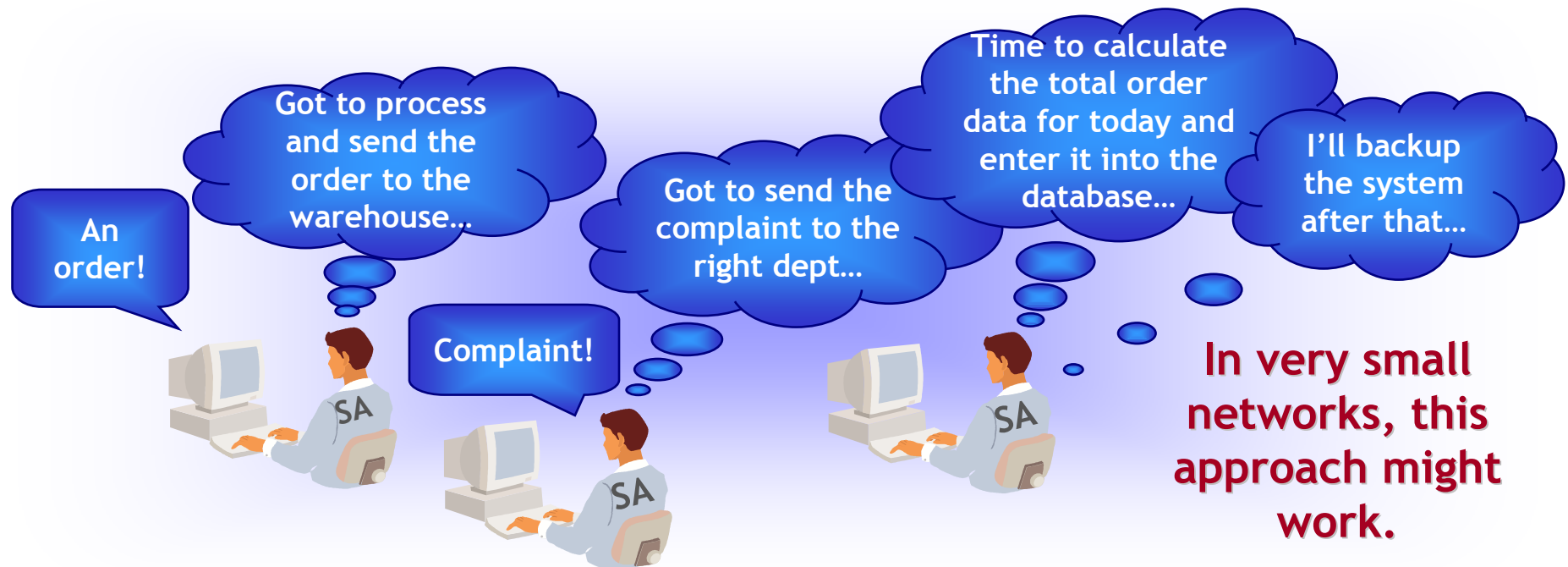
# Common Business Operation

A single system failure may cause serious obstruction and huge revenue losses to your business



## In a Simple Network Environment

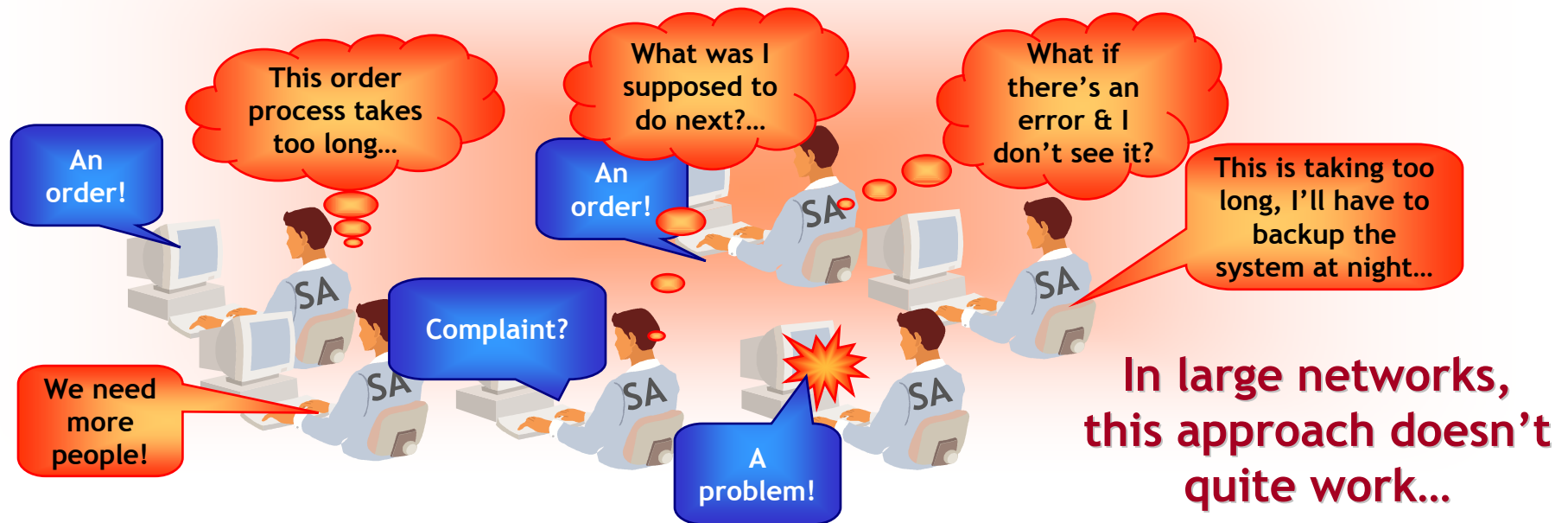
- System administrators manually execute jobs whenever needed.
- If computers are overworked, system administrators may decide to use another machine, or just take a break.
- If system administrators notice a problem, they manually try to fix it.



# As Operations Get Bigger...

## When Small Networks Become Large Networks...

- Too Many Jobs - It is difficult to remember when to run each job, or what job to run under what circumstance, and it takes too long to run everything manually!
- Some Jobs Take Too Long - An administrator might decide to work overtime and run long jobs at night, but waiting for jobs to end is not a very efficient way to do things.
- It is Hard to Tell What is Going On - Continuously looking for problems on each machine manually is time consuming, a headache, and does not work very well.

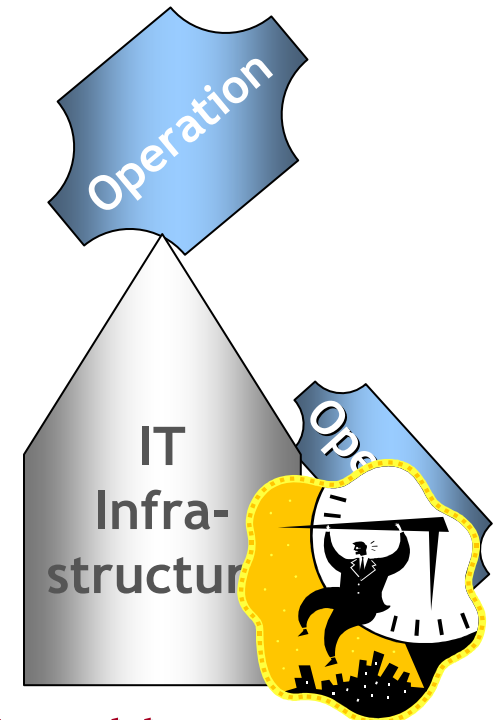


# Requirements of a successful operation

- Stable system operation determines the success of company's business.
- 24x7 continuous system operation is required.
- Cost efficiency should be considered.



**Stable system**



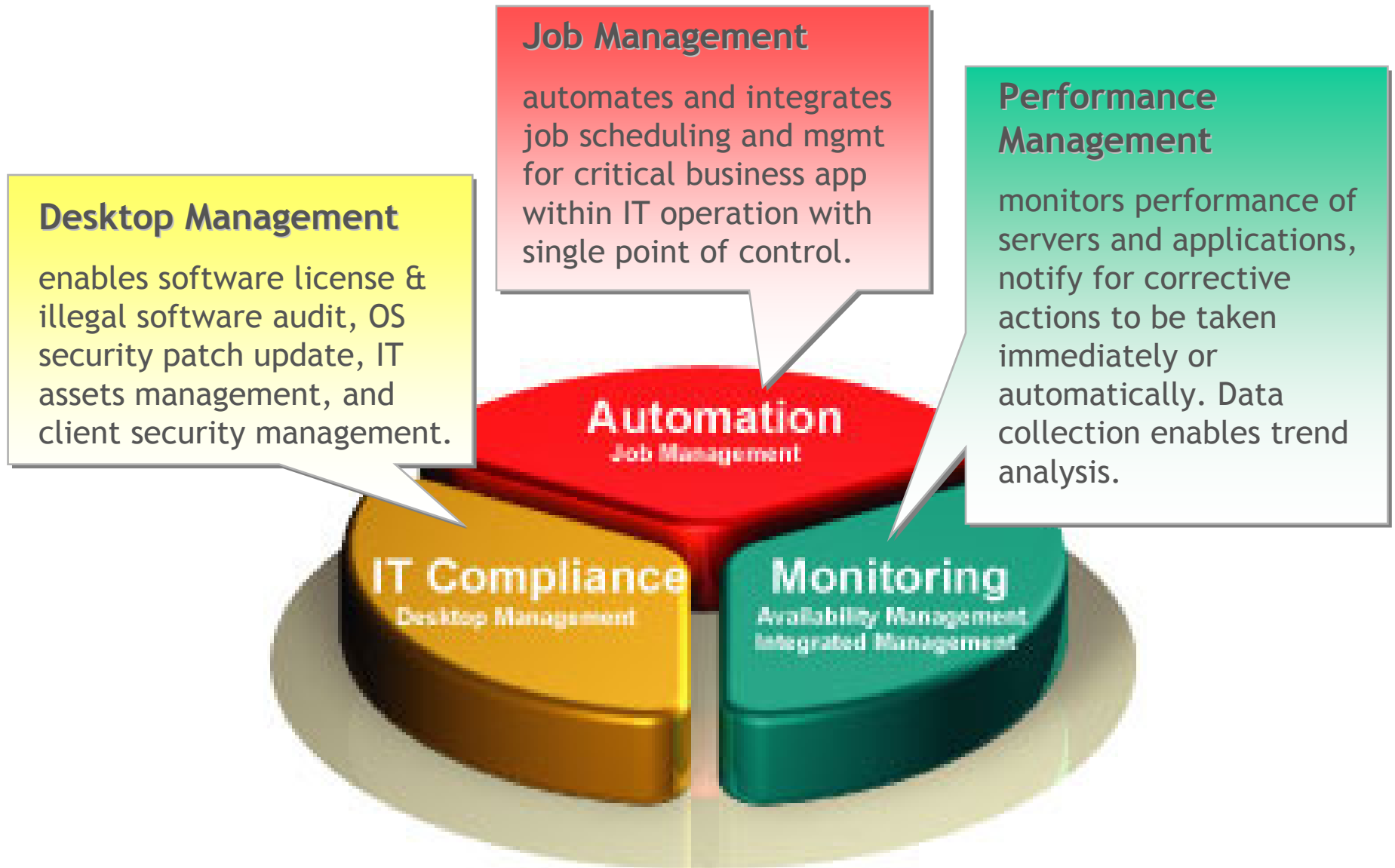
**Unstable system**



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**Consideration for System Management Solutions**

**2. Introduction to JP1**

# JP1 Version 8.1 Three Concept Categories



## Automation

JP1/AJS2 responds quickly to changes in the environment and business growth, and supports operation of highly reliable systems and job automation.

### Main Features:

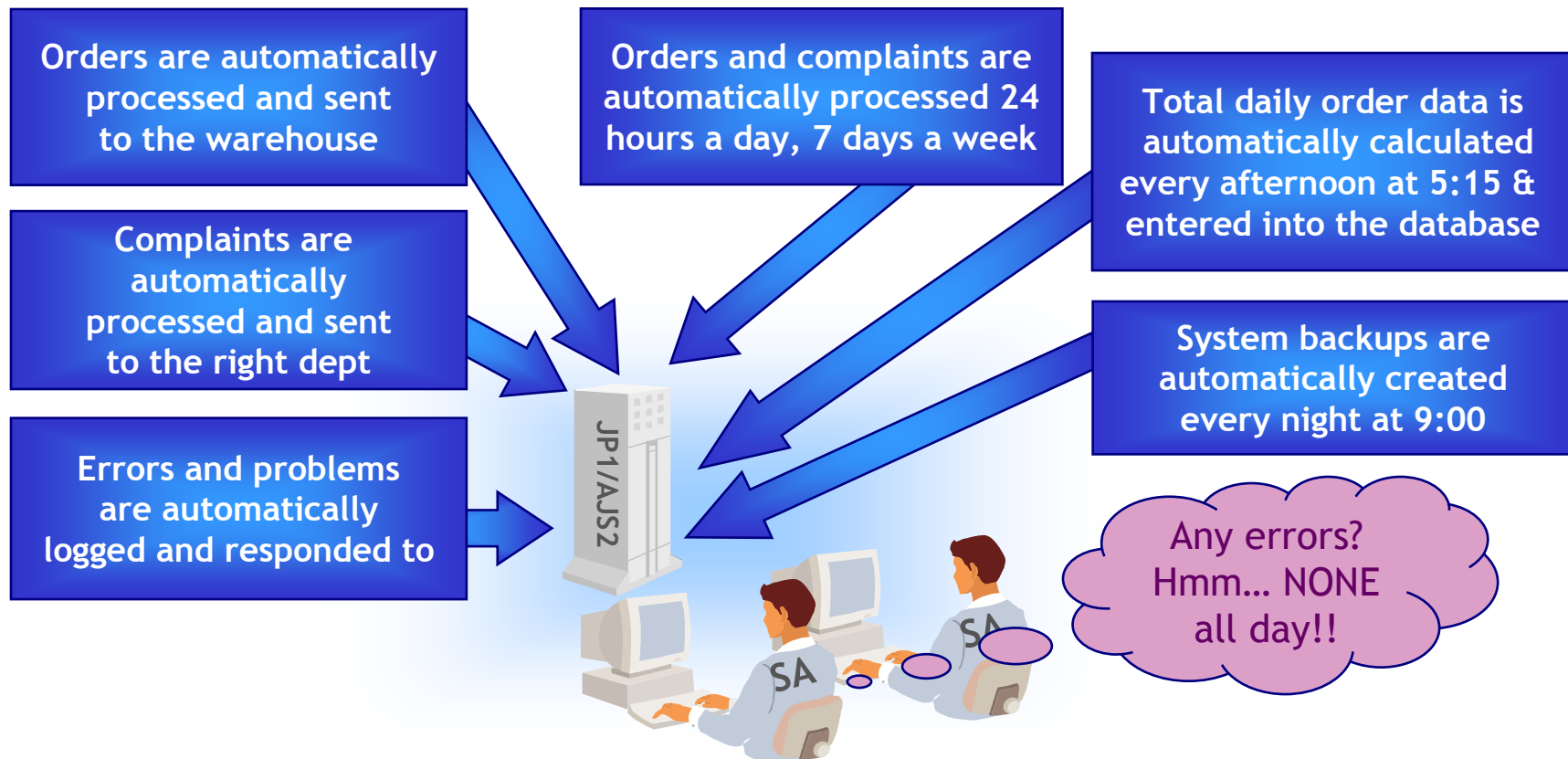
Automates and manages your batch jobs

- Integrates all your scheduled jobs in one platform
- Allows cross dependency on Windows & Unix OS servers
- Centrally manage all jobs in a single GUI



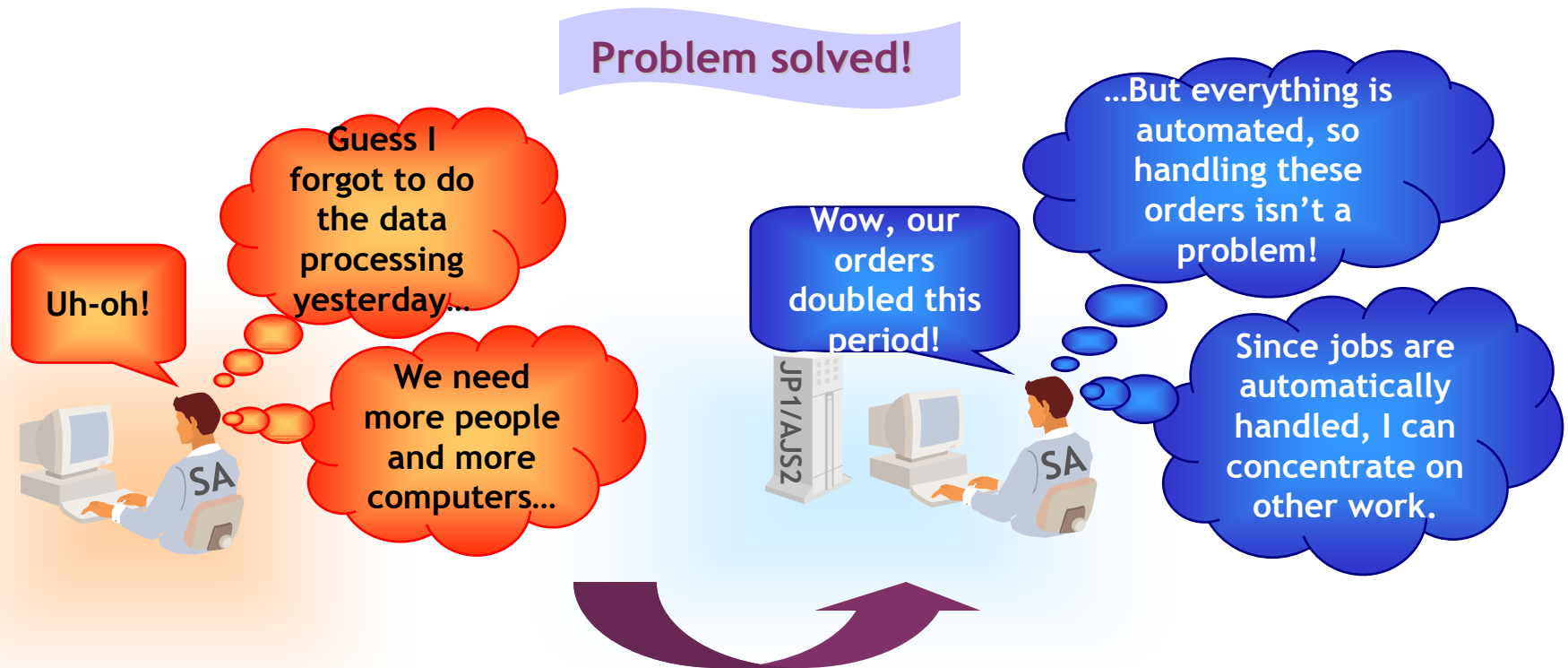
# JP1/AJS2 Automates your Processes

- Jobs automatically execute according to schedule.
- Jobs automatically respond to events like orders, e-mail, or errors.
- A central GUI allows you to view job execution statuses at a glance.



# How can Job Automation help You?

- Eradicate human error, increasing reliability and efficiency!
- Offer services 24 hours a day, 7 days a week!
- Handle more work with less people, faster! As a result, reduce cost & expand more quickly!



## Monitoring

PFM monitors the entire system from various aspects to keep system performance high over the long usage

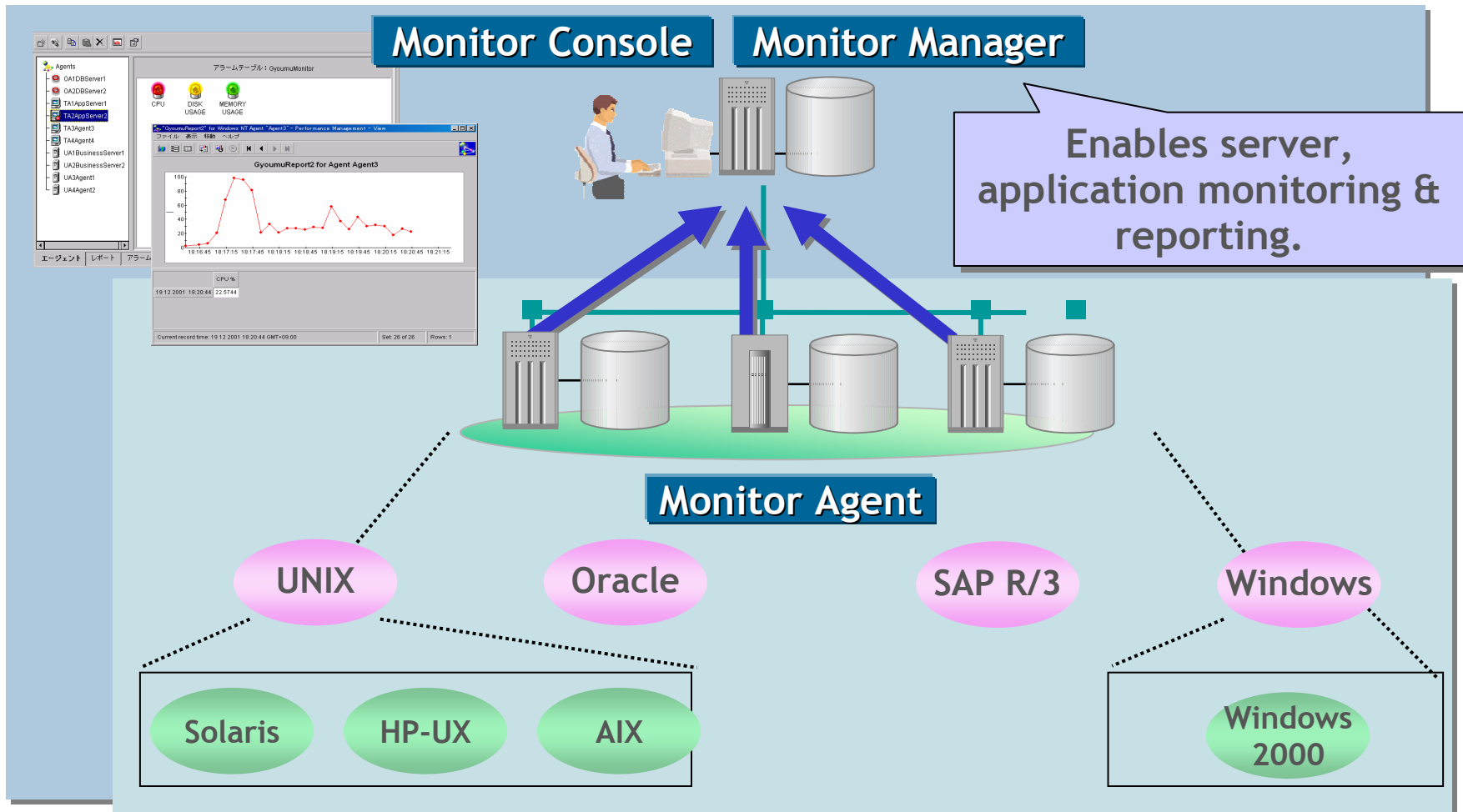
### Main functions of Performance Management

- Server operation management & performance monitoring
- Collecting and analyzing the performance information
- Central monitoring of all your server's performance
- Allows you to do better capacity planning



# Overview of JP1/PFM

Manage server and application availability and performance management for stable system operation in multi-platform environment.



# Major monitoring objects of JP1 / PFM

## Monitored Server Agent

## Main monitoring items

### Solaris, HP-UX, AIX

CPU/memory/disk usage status, disk access status, user operation status for specific program, process operation status, account process status, system resource usage status for specific process, quota information, console message, response time for specific user, network data transfer size and usage status for specific network clients, network collisions, and more.

### Windows NT, 2000, 2003

CPU/memory/disk usage status, disk access status, network usage status, process-level detailed information, thread information, device information, FTP service status, mail service status, web service information, and more.

### Oracle

CPU usage status, usage status of each type of memory, I/O cache hit rate, sort information, process-level detailed information, database usage rate, table space information, fragmentation, lock information, SQL information, error information, parameter information, and more.

### R/3

roll/page/heap domain usage status (SAP memory), extended memory usage status (SAP memory), buffer hit rate, dispatcher usage rate, dialogue processing efficiency, response time, user-request processing time, database request time, and more.

### SQL Server

CPU usage status, database space usage status, cache hit rate, network usage status, environment setting information, lock information, error information, and more.

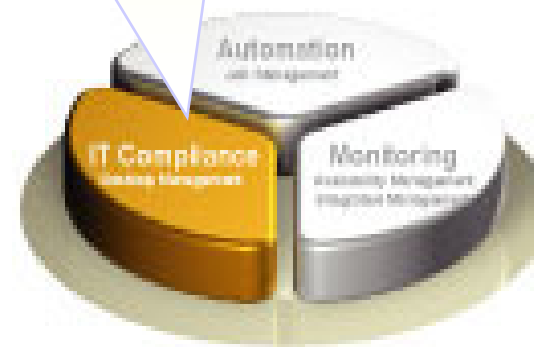


## IT Compliance

To enhance internal control based on the security policy, laws and regulations, JP1 IT Compliance centrally manages asset information and takes prompt actions.

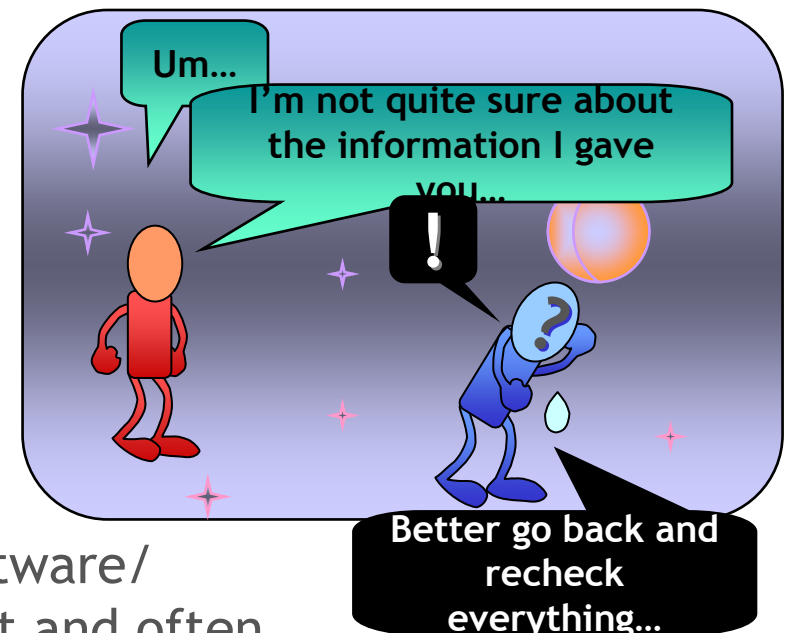
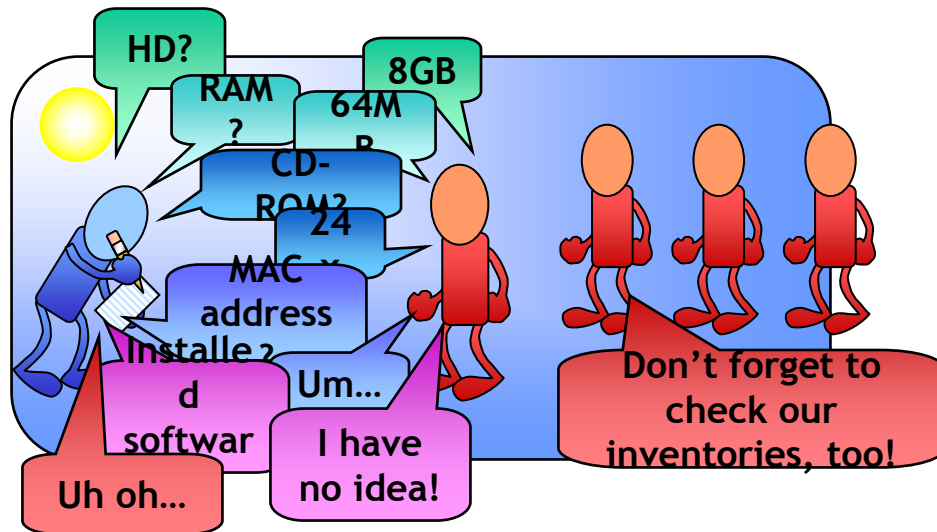
### Main Features:

- Automatic software installation & distribution
- Automatic client inventory management
- Network policies & automatic file collection
- Remote control of client desktop PCs



# Common Difficulties of Managing Inventory

It takes too much time and effort to manually obtain each and every client's software and hardware information. Again, this wastes time, money, and effort!



Obtaining up-to-date, accurate client software/hardware information manually is difficult and often impossible.

Even if these problems are solved, documenting inventory information and managing software licenses presents additional problems.

# Successful Inventory Management with JP1

By a click of a button, JP1/SD can automatically retrieve a great variety of software, hardware, and user data, including:

## Hardware Data:

CPU Type, Coprocessor Existence, Installed RAM, CPU Clock Speed, Maker Name, Model, OS, OS Version, OS Sub-Version, Domain Type, Owner, Company Name, Computer Name, Client Version, Drive Information (Floppy, Hard Disk, CD-ROM, etc.), Usable User Memory Size, Usable System Resource Size, Video Driver, Registry Information, etc.

## Software Data:

All Installed Software, Version Numbers, Installation Dates, etc.

## User Data:

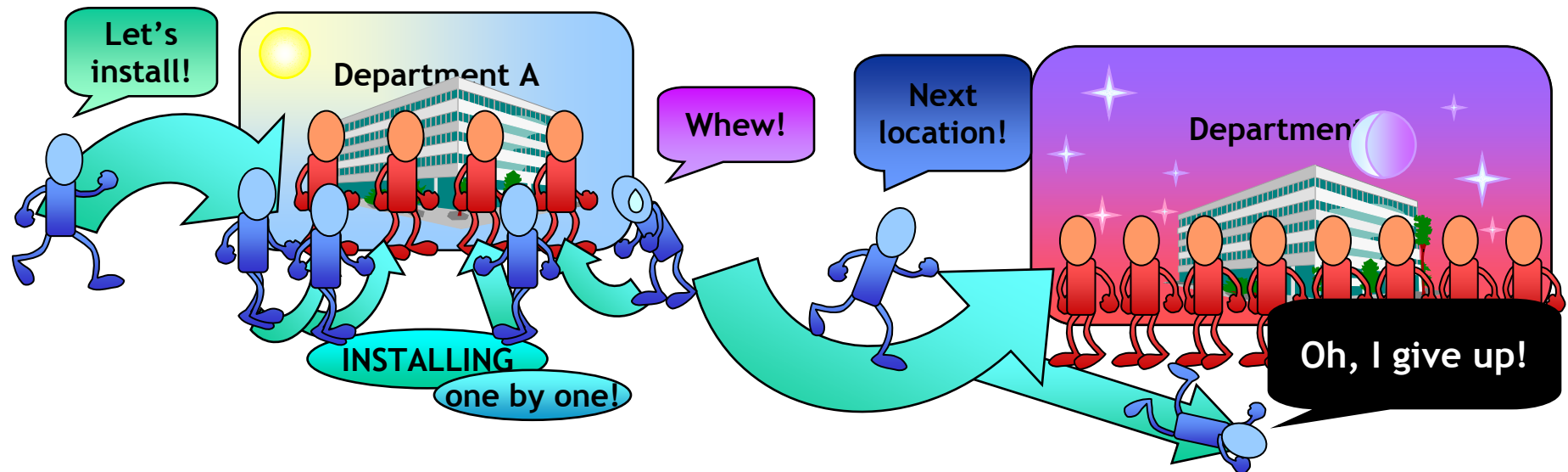
User Name, Department, Location, Extension Number, or any other items the system administrator decides to add.

## Microsoft Office, Antivirus, and File Data:

Detailed information about Microsoft Office products, antivirus products, and files in client machines as chosen by system administrators.

# Common Difficulties of Distributing Software

Software must be manually transported to each installation site, and setup must be performed for each client - requiring a great deal of time, effort, and expense!

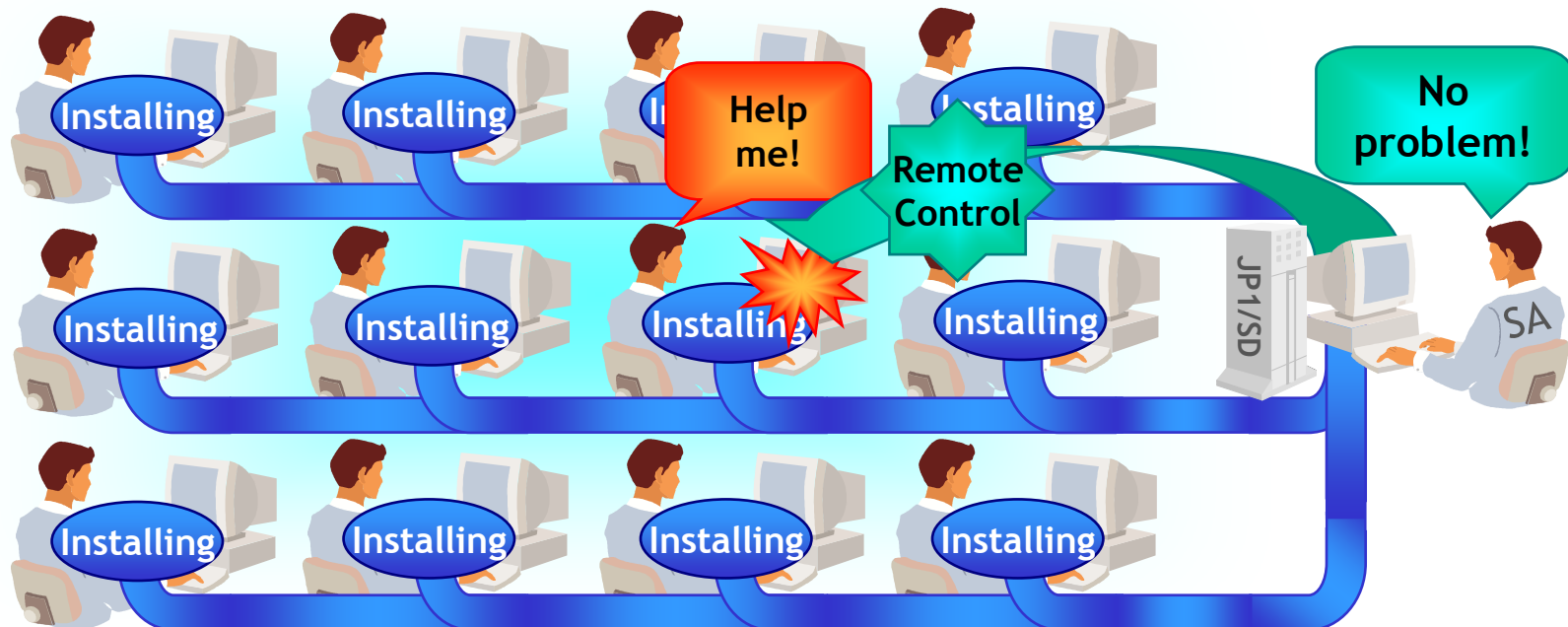


This situation is hard enough, but most business sites require frequent software upgrades or urgent anti-virus updates - an impossibility using manual installation!

**Adding more administrators may seem like a good solution, but still won't be able to cope with frequent software upgrades. A better solution is needed, one that will save time and money but not compromise accuracy or efficiency.**

## JP1/SD Automates, Quickens, and Simplifies:

- Install software to hundreds of clients in multiple locations, from any network location accurately, quickly, and simultaneously!
- Manage client inventories automatically, quickly, and at any time, in a unified, efficient manner!
- Fix client problems directly, but from a remote location!



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**3. Conclusion - JP1 Meeting your challengers**

## Automation

JP1/AJS2 automates all your jobs and processes in your business operation. Allowing business growth & effectively productivity in the company



## Monitoring

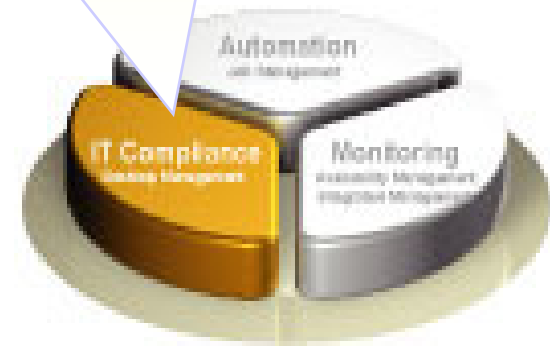
PFM ensures that all your servers are in prime condition for daily operational use. Giving you the ease of mind 24hrs a day and allows you to plan your capacity more effectively





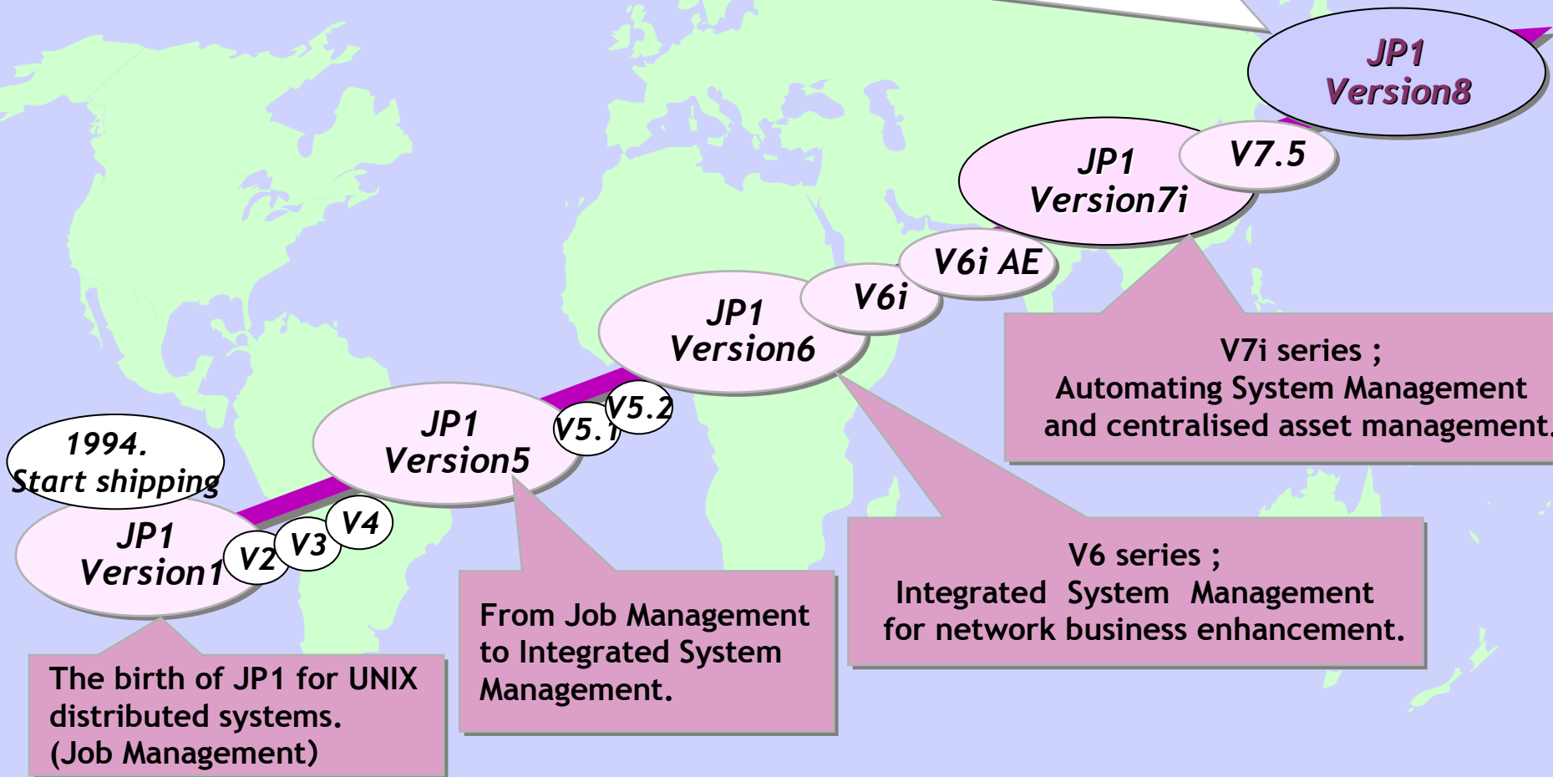
## IT Compliance

With JP1 SD, managing all your desktops and keeping an effectively account of all your IT assets is now possible. Companies can now comply with the IT laws & maintain company regulations in their network



# Hitachi JP1 Product Cycle

JP1 Version 8.1, a compass for business level system management focusing  
On **IT COMPLIANCE, AUTOMATION** and **MONITORING**  
Launched on Aug 2007!



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# Thank You Very Much For Your Attention

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## JOB MANAGEMENT PARTNER 1 VERSION 8

Introduction to Hitachi JP1 Solutions

HITACHI ASIA LTD

SYSTEM MANAGEMENT SOFTWARE DIVISION

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