Single Pane of Glass – Scenarios
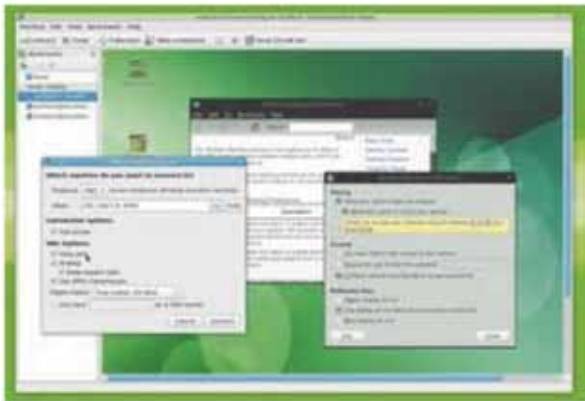
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Utilizing a " Single Pane of Glass " delivers very important benefits. In conjunction with this, the objective of this article is to support the need for quick, easy and consistent access to "all" or "selected" information services.

The following are examples of a Singe Pane of Glass –

1.

2.

3.

Display Scenarios

From an IT perspective, utilizing a Single Pane of Glass is typically in the context of displaying information relating to Servers, the Network, the associated Host Applications, etc. The other scenario is about delivering information in a Single Pane of Glass to help in running the business and addressing Customer requirements.

In the way of insight, the following scenarios are fairly common in organizations utilizing NonStop and other systems to satisfy reporting and manageability requirements with -

- A. NonStop Centric Scenario
- B. HP Centric Display - for NonStop, SuperDome, UX, Proliant, etc. systems
- C. Enterprise Centric Display- for HP, IBM, etc. systems
- D. Business Centric - with support for all internal and external services / systems
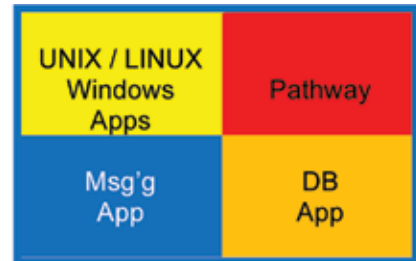
To facilitate understanding how a Single Pane of Glass can be utilized, the following examples indicate how information from various systems and services is displayed -
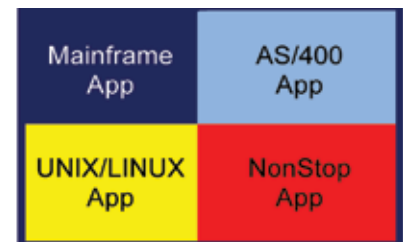
A. NonStop Centric Scenario
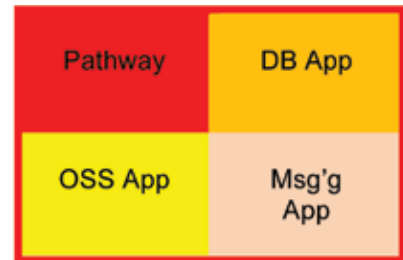
The above scenario shows multiple NonStop sessions on one screen.

B. HP Centric Display

This above display shows multiple sessions associated with various HP systems including NonStop, SuperDome, UX, Proliant, etc. Servers.

C. Enterprise Centric Display

By utilizing the proceeding Single Pane of Glass in heterogeneous environment with multiple and different systems in the enterprise, you have more comprehensive reports, analytics, etc. since information on all platforms is utilized (ie: HP, IBM, UNIX/LINUX/Windows, etc. systems).

D. Business Display Centric

Internal App 1	Internal App 2
Community/ Social Networking Services	Outside (Subscription) App

The above display depicts multiple sessions utilizing inside and outside services – with a focus on delivering information having business value (ie: Sales, Inventory, Financial, Mgmt Reports, etc.).

Further, given the increasing considerations for mobile (including BYOD - Bring Your Own Device), having a Single Pane of Glass strategy is important to increase IT relevance to the business and improve the User experience.

To explain further, there is a need to provide information in a Single Pane of Glass required by different audiences as summarized in the following chart -

	E	**F**
Focus	Server	Client
Audience	Technical	Business
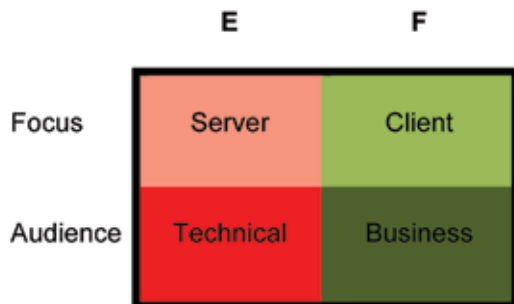
From this, we can see Technical personnel needs are well served in addressing the needs with Scenarios A, B, and E. To extend on this, the following section provides additional insights on utilizing a Single Pane of Glass to address the needs of Business personnel.

Client Access Options

Given the expanding options for information access, displays need to be supported not only on PCs and Laptops, but also with the much smaller screens on Tablets and Smart Phones. Because of this, there is a need for more sophistication in information delivery and presentation that includes the devices on the following page.

Further, with those requiring Business oriented (Client Centric) solutions typically being hundreds or thousands of times larger than the Technical audience, it is easy to understand why utilizing a Single Pane of Glass is hugely important to all Users. Interestingly, with increasing business demands and that Tablets and SmartPhones are becoming the access device of choice, the need is growing to further

PCs

Laptops

Tablets

Smart Phones

modernize information services with the "Single Pane of Glass" becoming more sophisticated to support the expanding number of services being utilized an increasingly mobile audiences - while respecting the smaller displays/screens. In this context, one can see the opportunity and the need to address the requirements associated with Examples C, D and F above.

Summary

To summarize, there is a need to deliver solutions with a " Single Pane of Glass " associated with all the scenarios above.

Further, this is an opportunity to –
1. simplify systems for Users
2. improve decision making
3. better position IT to address new needs
   A. deliver business results – quickly
   B. make it easier to evolve information services
4. improve User productivity and the End user experience
5. enable the business to benefit -
   A. in an increasing mobile world
   B. by being more responsive to new opportunities
6. better manage change and reduce risk – while minimizing costs

These are significant advantages. And an opportunity to expand business capabilities to improve bottom line results.

Interested in learning more ? If so, please contact CAIL, Sombers Group or HP to explore your options to move forward by leveraging the investment in current systems with a "Single Pane of Glass" - that supports all the scenarios above. Why ? Because you never know what the next request will be for, what information will be needed, what systems are to be accessed, or how the information is to be presented to the User.

Mr. Thompson is responsible for business development at CAIL, a software company and HP Partner with Customers around the world.

CAIL provides Modernization solutions to improve information services - either with a focus on NonStop, or in conjunction with Enterprise initiatives (that include NonStop).