

*NonStop Solutions by comForte:
The Natural Choice*



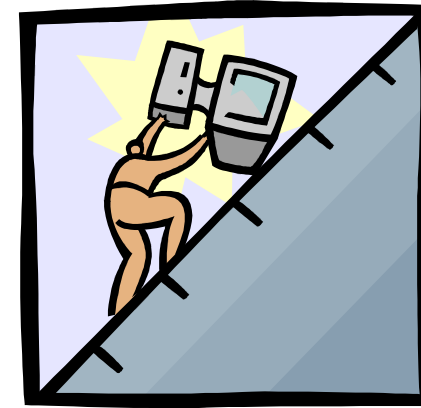
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NonStop Modernization with comForte VNUG

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Account Manager EMEA

Agenda: NonStop Modernization with comForte

- ▶ Part 1: Modernization of the HP NonStop



- ▶ Part 2: comForte Modernization solutions



Why modernize?

Be agile.... Be competitive:

- ▶ Improve reliability & productivity
 - ▶ reduce human errors related to tedious or complex operations
 - ▶ Reduce training time
- ▶ Reduce dependency on scarce skill set
 - ▶ hard to find people with Tandem specific skills
- ▶ Achieve enterprise integration
 - ▶ leverage existing applications and IT investments for new business opportunities
 - ▶ make the "islands of information" accessible to the rest of your enterprise and fully exploit the opportunity.
 - ▶ be more responsive to business change

HP NonStop.... “That Black Box in the Corner?”



Platform modernization isn't enough.....

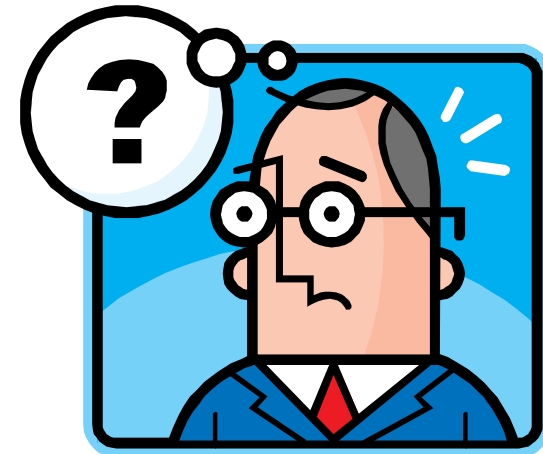
...But it's not like the rest of my network....

Enterprise Security

Connectivity

Enterprise Integration & Application Modernization

Operation & Administration



Platform modernization isn't enough, the
HP NonStop MUST be able to integrate
with the rest of the enterprise

Agenda

► Part 2: comForte Modernization solutions



Modernization: comForte products can help.....

1. Operation & Administration:

- ▶ TOP
- ▶ SafePoint

2. Connectivity:

- ▶ uLinga
- ▶ SecurTN 3270

3. Enterprise Integration & Application Modernization:

- ▶ JPath
- ▶ CSL

4. Enterprise Security:

- ▶ SecurSSO
- ▶ SafePoint and SafePoint Alarms



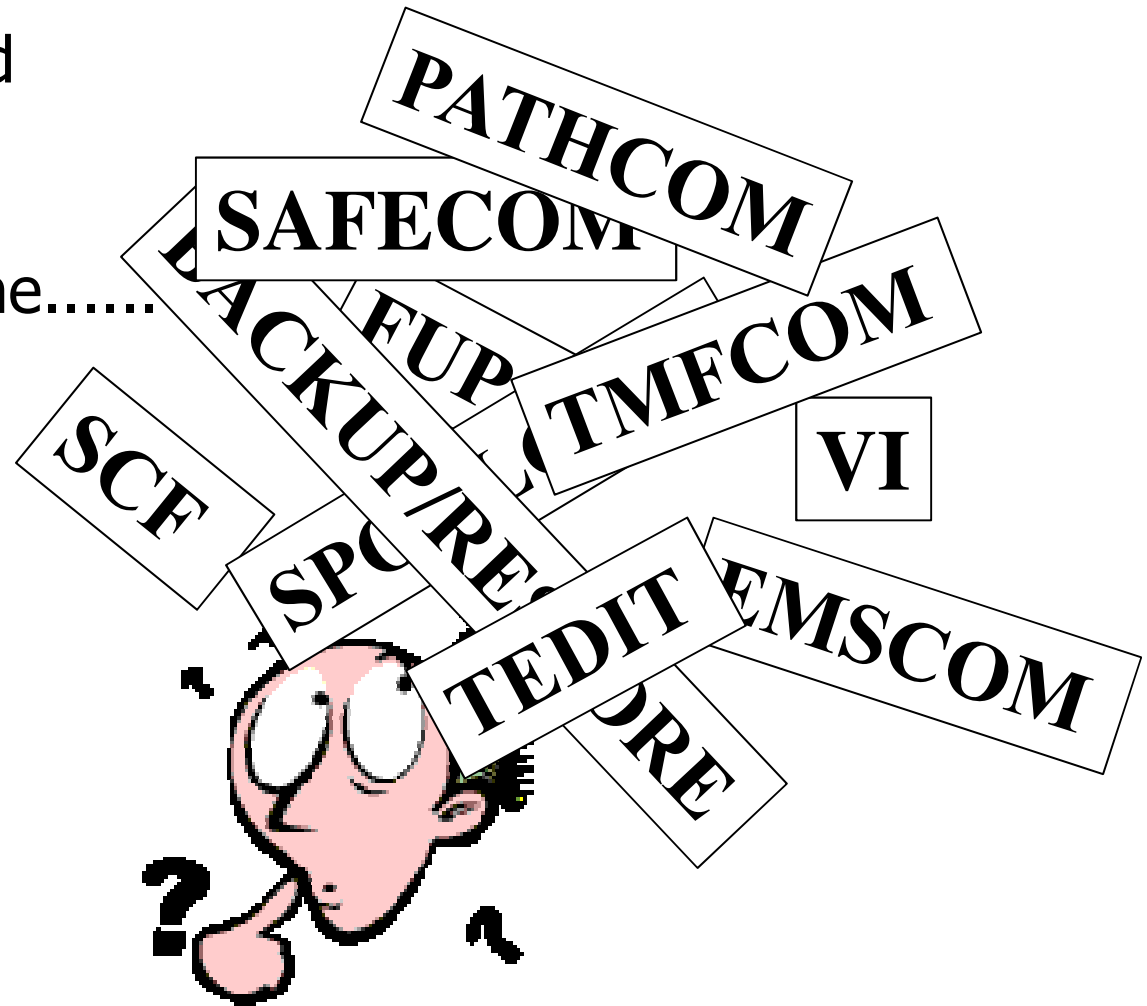
1. Operation & Administration:

► **Problem:**

Command, Control, and
Configuration for HP

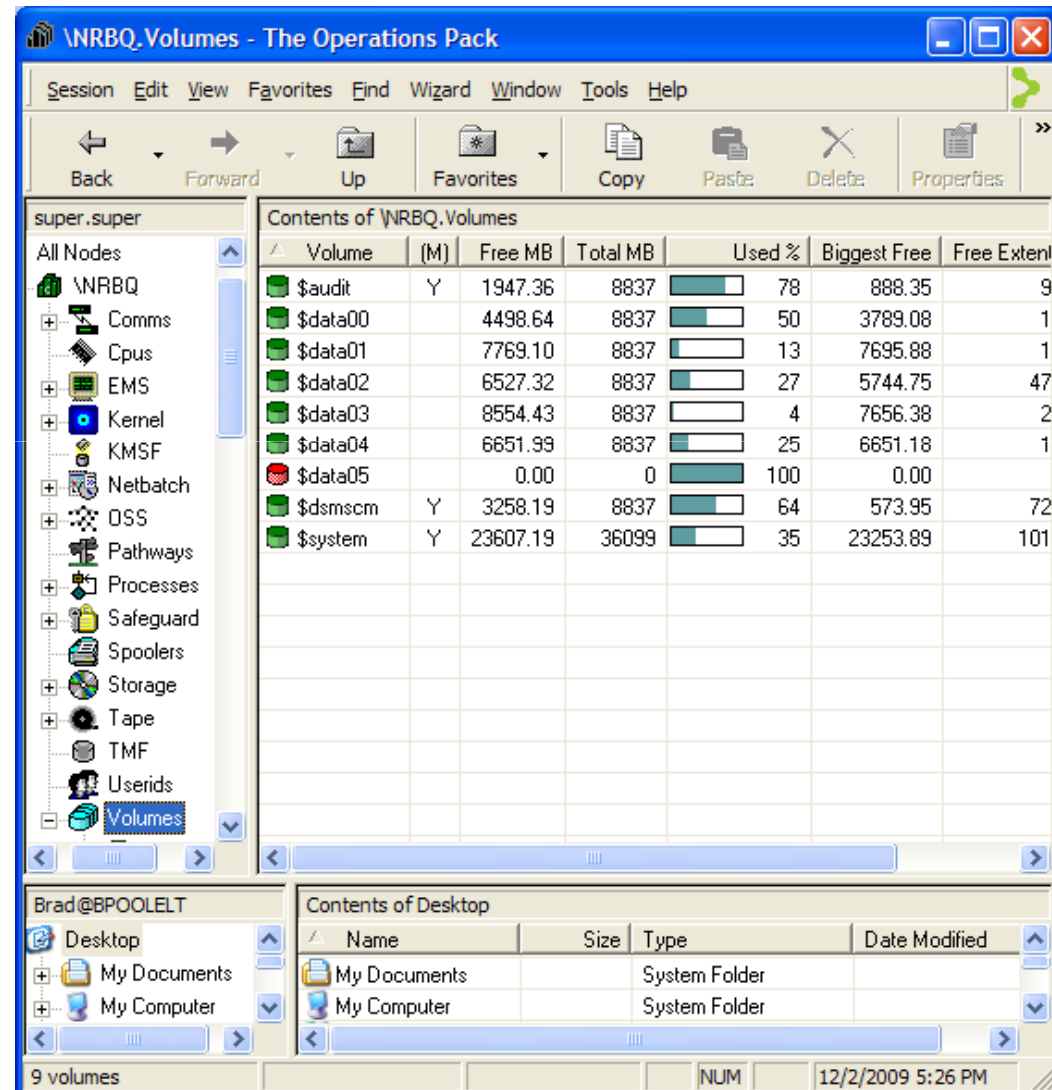
NonStop is

complex and error prone.....



1. Operation & Administration:

- **Solution:**
TOP provides a comprehensive Command, Control, and Configuration interface to HP NonStop



- Safeguard Audit Reduction Tool 2009/04/29 13:21 Page 1

\NRBQ 002

```

Auditnumber           =FFFF02F18089D50FA51C
TimeReported          =2009/04/29 13:00:31
Operation              =Change
ObjectType             =ProtRecord
OwnerUsername          =SUPER.SUPER
SubjectUserName        =joel_sandberg
SubjectUserNumber      =255,255
SubjectCreatorName     =SUPER.SUPER
SubjectProcessName     =\NRBQ.$Y31V
SubjectTerminalName    =\NRBQ.$ZHOME
CreatorUserName        =SUPER.SUPER
CreatorUserNumber      =255,255
CreatorCreatorName     =SUPER.SUPER
CreatorProcessName     =\NRBQ.$ZSMP
CreatorTerminalName    =\NRBQ.$ZHOME
ObjectName             = $DATA02.BAK700.MYFILE7

SecondaryAuditnumber   =FFFF02F18089D50FA51C
SecondaryTimeReported  =2009/04/29 13:00:31
SecondaryVeracity      =Tr
SecondaryTextAreaType  =Protection
ProtOtype              =Diskfile
ProtAuditAccessPass    =All
ProtAuditManagePass    =All
ProtOwnerUserName      =SUPER.SUPER
ProtNumAcLeentries     =5
AcLeentries            =
Grant 155,155 BAKER.BAKER
Deny 255,233 SUPER.JAY
Grant 255,252 SUPER.SPENCE
Grant 155,002 BAKER.TEST1
Grant 00255 SUPER

```

\NRBQ 001

SafeArt "2 page" report for ONE event

```
ndaryTimeReceived          =2009/04/29 13:00:31
ndaryRecordType            =Before
WarningMode                =False
TimeReceived               =2009/04/29 13:00:31
ordType                    =After
Surge                      =False           ProtProgId
essFail                    =All
ageFail                    =All
rNumber                    =255,255        ProtFreeze
eid                        =LocalSpecific
```

Deny	255,255	SUPER.BAI	R,W,E,P,C,	LocalSpecific	
Grant	255,252	SUPER.SPENCE	R,W,E, , ,	LocalSpecific	
Grant	155,002	BAKER.TEST1	R,W,E,P,C,O	NodeSpecific	\001
Grant	00255	SUPER	R, , , , ,	RemoteGroup	

SecondaryAuditnumber	=FFFF02F18089D50FA51C		
SecondaryTimeReported	=2009/04/29 13:00:31	SecondaryTimeReceived	=2009/04/29 13:00:31
SecondaryVeracity	=Tr	SecondaryRecordType	=After
SecondaryTextAreaType	=ProtectionExt		
ProtNonexistentFile	=False	ProtWarningMode	=False

Equivalent SafePoint report

System	Object Name	Date	Time	From Terminal	User Who Performed Action	Operation	Before Change	After Change	Object-Type	Result Outcome
NRBQ	\$DATA02.BAK700.MYFILE7	29APR09	13:00:31	NRBQ.SZHOME	joel sandberg	ALTER ACL ENTRY	SUPER.SPENCE (RW)	SUPER.SPENCE (RWE)	DISKFILE	GRANTED

1. Operation & Administration:

► Solution: **SafePoint** with audit reports you can use!

System	Object Name	Date	Time	IP Address	Action Done By	Operation	Before Change	After Change	Object-Type	Result Outcome
\ DEV	\$AU204	24SEP08	12:43:25	165.245.210.110	lee_smith	OPEN FOR READ/ WRITE			PROCESS	GRANT
\ DEV	\$DAT.B0.FUP	24SEP08	12:06:31	174.145.94.60	lee_smith	ALTER PROGID	ON	OFF	DISKFILE	GRANT
\ DEV	\$DAT.B0.FUP	24SEP08	14:15:40	165.245.210.110	lee_smith	ADD ACL ENTRY		DENY QA.HO (R)	DISKFILE	GRANT
\ DEV	\$DAT.B0.JDATA	24SEP08	12:07:00	174.145.94.60	lee_smith	ALTER ACL ENTRY	ABC.ED (RW)	ABC.ED (RWE)	DISKFILE	GRANT
\ DEV	\$DAT.B0.JDATA	24SEP08	12:07:18	174.145.94.60	lee_smith	DELETE ACL ENTRY	\ *.SUPER.JAY		DISKFILE	GRANT
\ DEV	\$DAT.B0.JDATA	24SEP08	13:24:24	165.245.210.110	QA.JAY	OPEN FOR READ/ WRITE			DISKFILE	DENY
\ DEV	\$DAT.B0.JDATA	24SEP08	14:16:35	165.245.210.110	lee_smith	DELETE ACL ENTRY	ABC.ED (RWE)		DISKFILE	GRANT
\ DEV	\$DAT.B0.JDATA	24SEP08	14:16:54	165.245.210.110	lee_smith	ADD ACL ENTRY		\ *.DEV.LEE (RW)	DISKFILE	GRANT
\ DEV	\$DAT.B0.JDATA	24SEP08	14:17:06	165.245.210.110	lee_smith	ALTER AUD-ACC-FAIL	LOCAL	ALL	DISKFILE	GRANT
\ DEV	\$DAT.B0.LOG	24SEP08	12:07:57	174.145.94.60	lee_smith	OPEN FOR READ/ WRITE			DISKFILE	GRANT
\ DEV	\$DAT.B4.IPDB01	24SEP08	12:54:29	165.245.210.110	lee_smith	CREATE			DISKFILE	GRANT
\ DEV	\$DAT.B4								DISKFILE	GRANT
\ DEV	\$DAT.B4								DISKFILE	GRANT
\ DEV	\$DAT.B4								DISKFILE	GRANT
\ DEV	\$DAT.B4								DISKFILE	GRANT
\ DEV	\$DAT.B4								DISKFILE	GRANT
\ DEV	\$DAT.B4								DISKFILE	GRANT
\ DEV02	\$Z482								PROCESS	GRANT
\ DEV02	\$Z482								PROCESS	GRANT



PCI Auditor

PCI Testing Procedure: 10.1:

"Verify through observation and interviewing the system administrator, that audit trails are enabled and active for system components."

You!

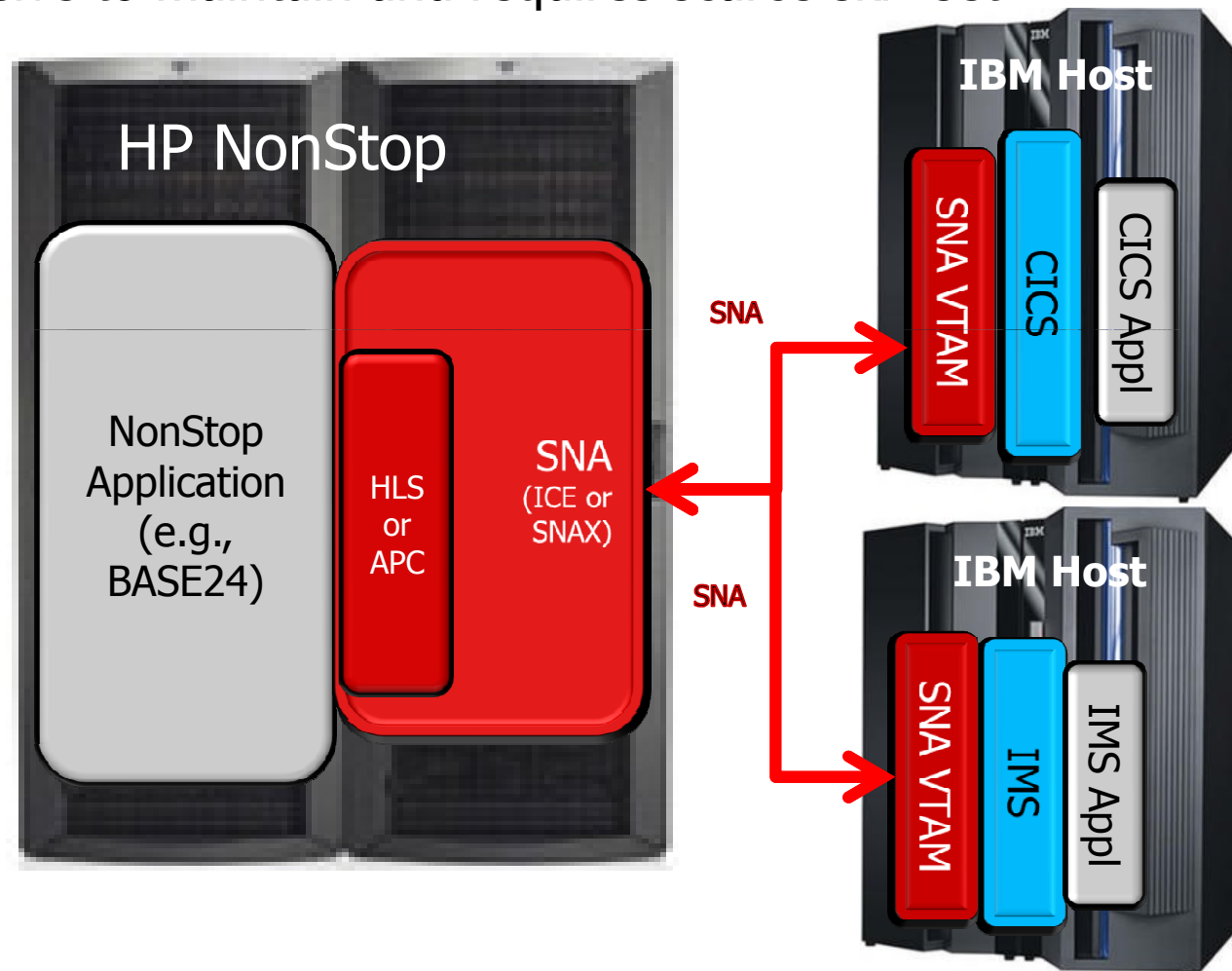


SafePoint Audit Report

2. Connectivity:

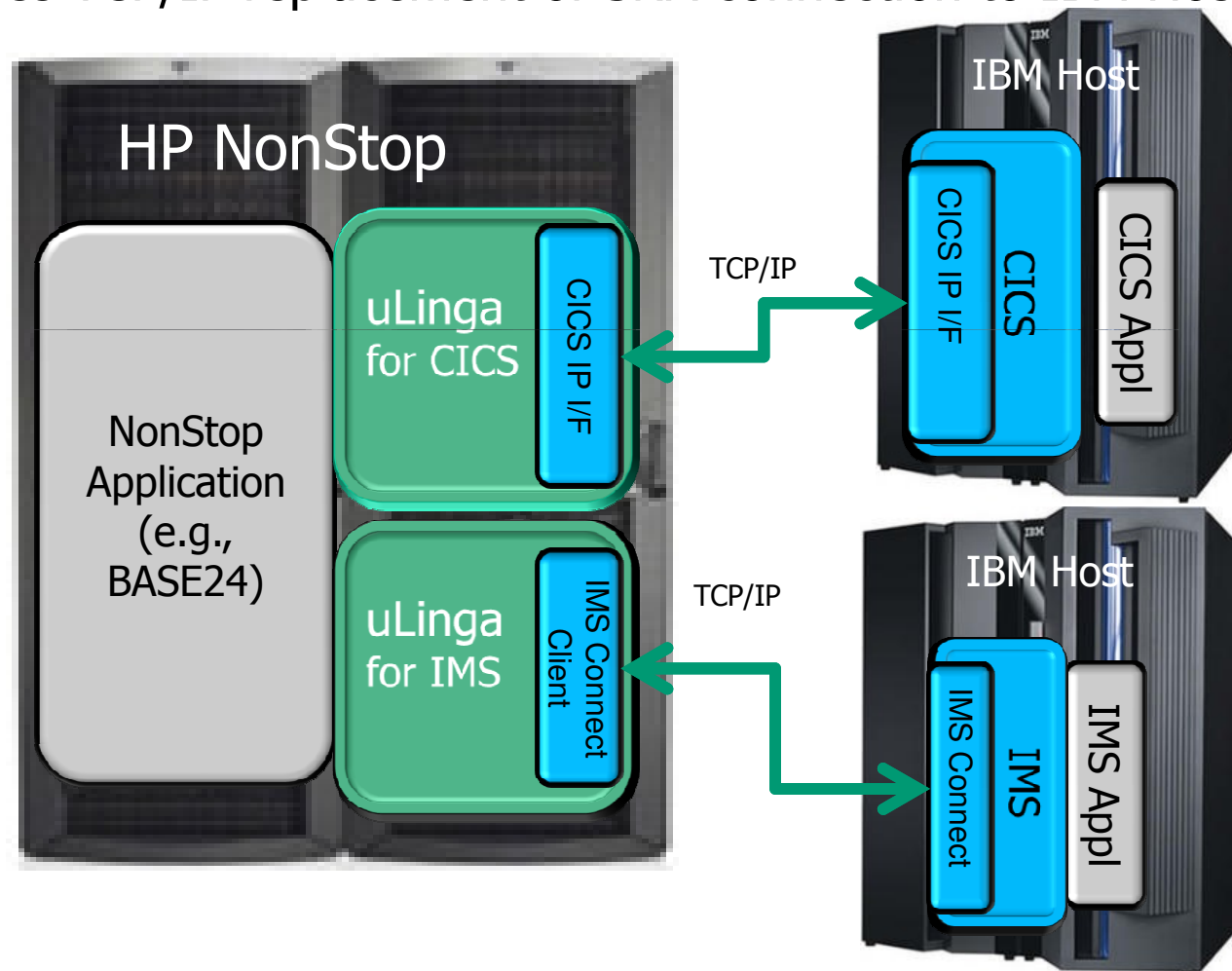
► **Problem:**

SNA is expensive to maintain and requires scarce skill set



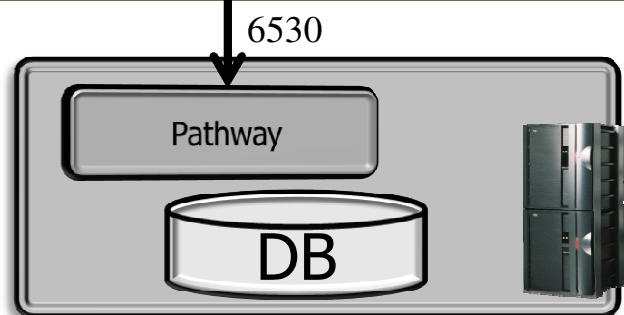
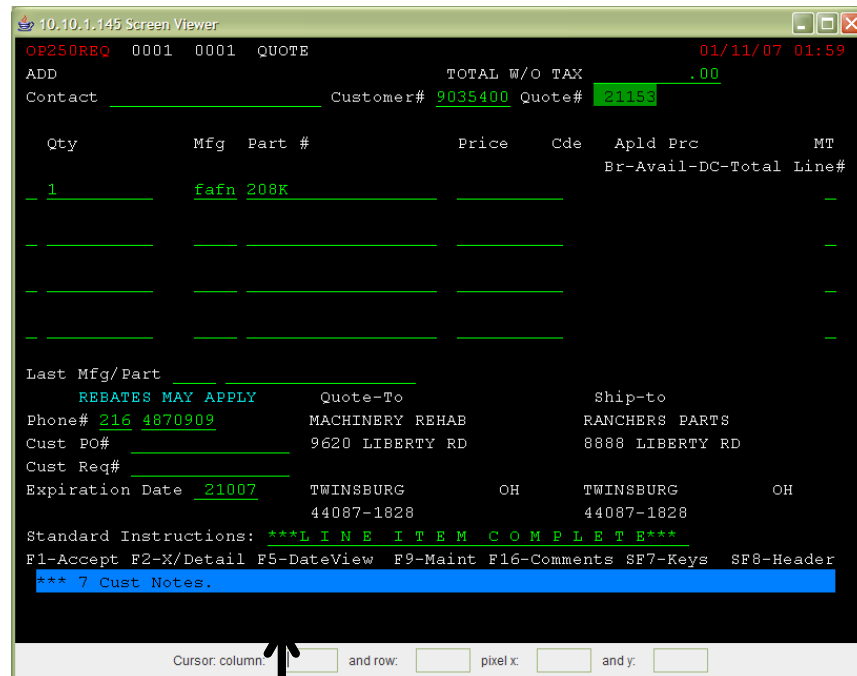
2. Connectivity:

- ▶ Solution:
uLinga enables TCP/IP replacement of SNA connection to IBM Host



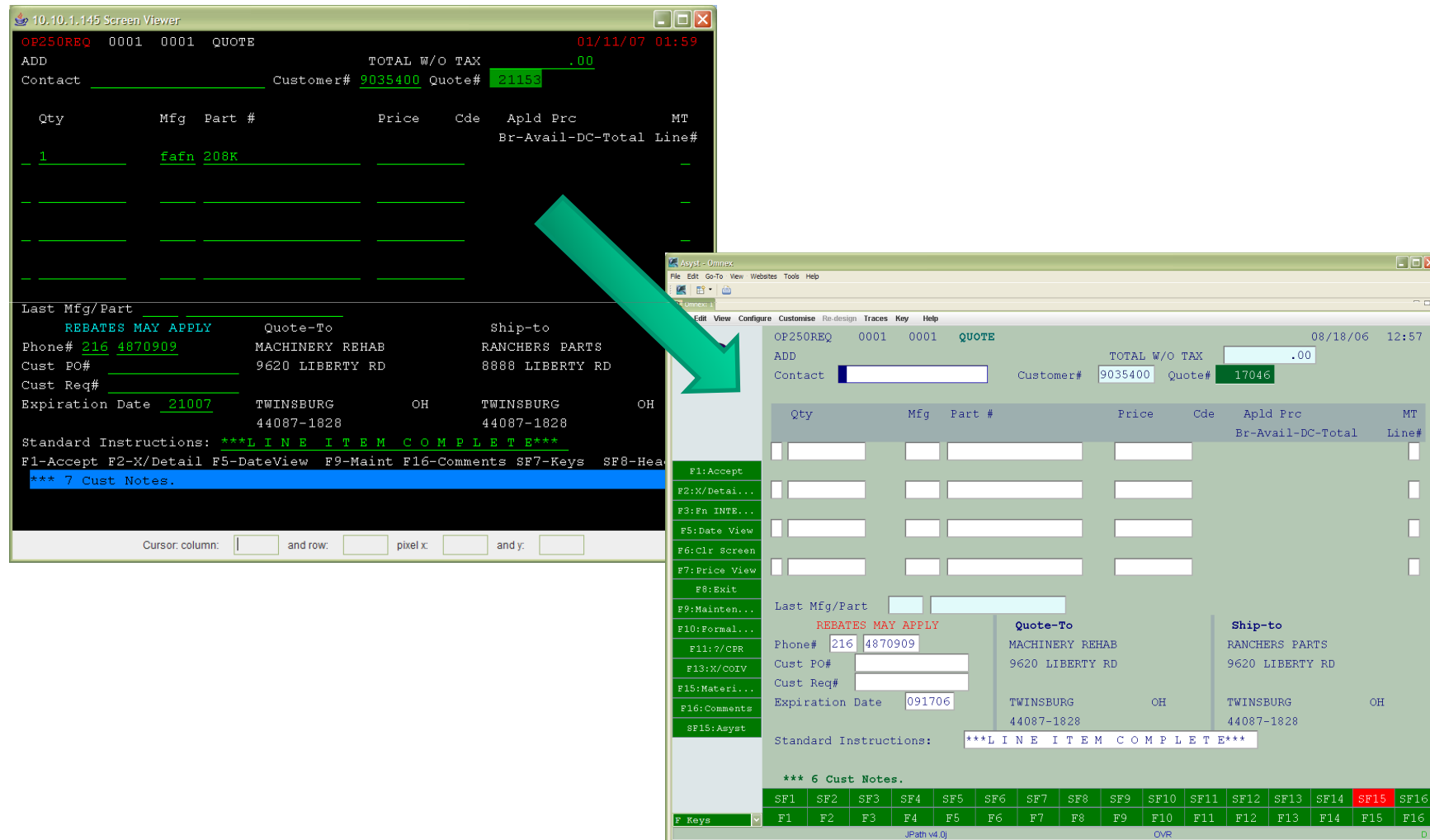
3. Application Modernization:

► **Problem:** "Green Screen" 6530 access to Pathway Servers



3. Application Modernization:

► Solution: **JPath** to GUI enable your Green Screens



The image shows a side-by-side comparison of a legacy green screen application and its modernized GUI version. A large green arrow points from the green screen to the GUI, indicating the transformation.

Legacy Green Screen (Left):

- Window Title: 10.10.1.145 Screen Viewer
- Header: OP250REQ 0001 0001 QUOTE 01/11/07 01:59
- Form Fields: ADD, Contact, Customer# 9035400, Quote# 21153, TOTAL W/O TAX .00
- Table:

Qty	Mfg	Part #	Price	Cde	Apld Prc	MT
1	fafn	208K				
- Footer: Last Mfg/Part, REBATES MAY APPLY, Phone# 216 4870909, Quote-To MACHINERY REHAB, Ship-to RANCHERS PARTS, Cust PO# 9620 LIBERTY RD, 8888 LIBERTY RD, Cust Req#, Expiration Date 21007, TWINSBURG OH, TWINSBURG OH, 44087-1828, 44087-1828, Standard Instructions: ***LINE ITEM COMPLETE***, F1-Accept F2-X/Detail F5-DateView F9-Maint F16-Comments SF7-Keys SF8-Hea, *** 7 Cust Notes.
- Cursor: column: and row: pixel x: and y:

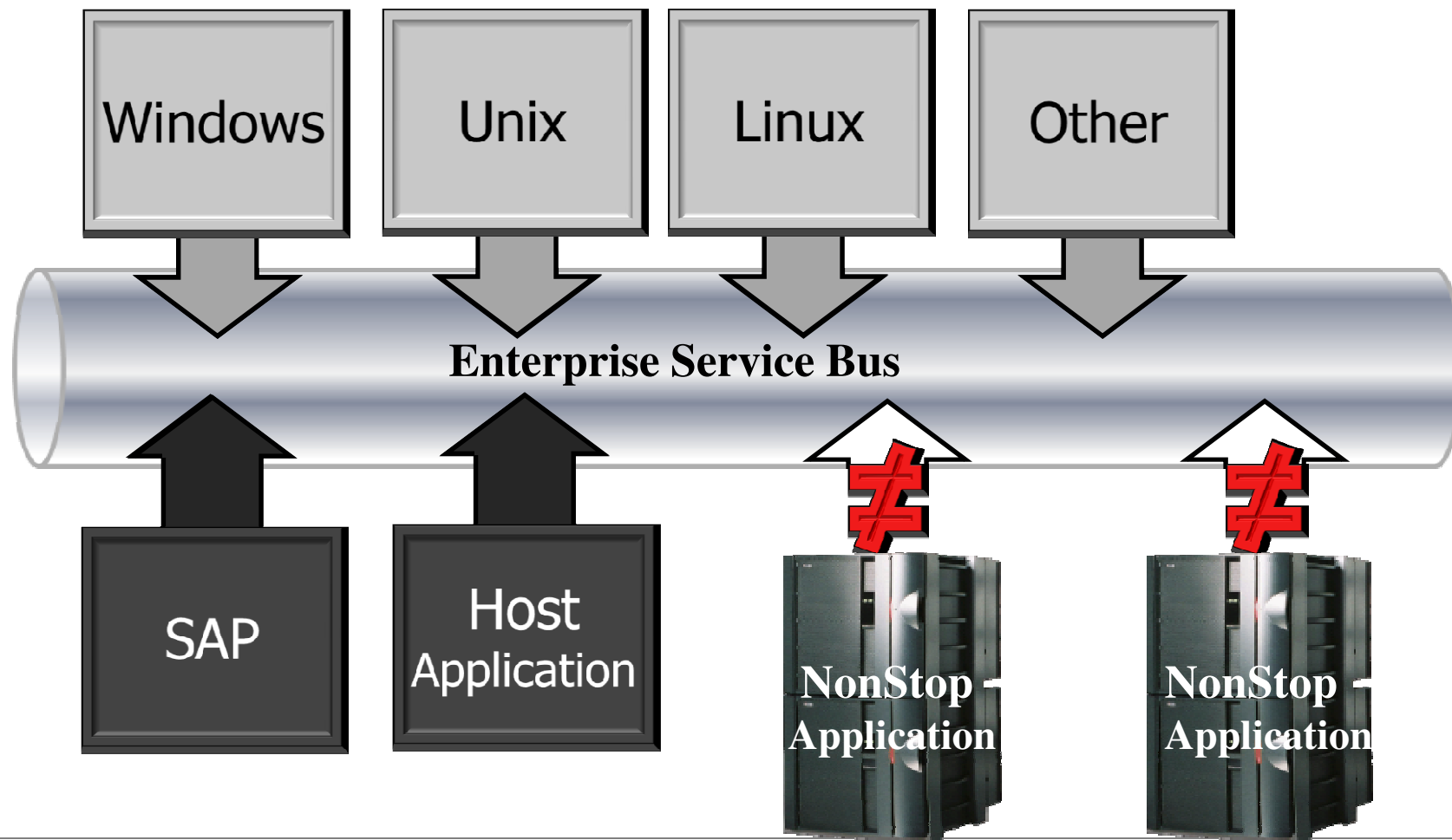
Modernized GUI (Right):

- Window Title: Adapt-Unix
- Header: OP250REQ 0001 0001 QUOTE 08/18/06 12:57
- Form Fields: ADD, Contact, Customer# 9035400, Quote# 17046, TOTAL W/O TAX .00
- Table:

Qty	Mfg	Part #	Price	Cde	Apld Prc	MT
- Footer: Last Mfg/Part, REBATES MAY APPLY, Phone# 216 4870909, Quote-To MACHINERY REHAB, Ship-to RANCHERS PARTS, Cust PO# 9620 LIBERTY RD, 9620 LIBERTY RD, Cust Req#, Expiration Date 091706, TWINSBURG OH, TWINSBURG OH, 44087-1828, 44087-1828, Standard Instructions: ***LINE ITEM COMPLETE***, *** 6 Cust Notes.
- Function Keys: F1:Accept, F2:X/Detail..., F3:Fn INTE..., F5:Date View, F6:Clr Screen, F7:Price View, F8:Exit, F9:Mainten..., F10:Formal..., F11:7/CPR, F13:X/COIV, F15:Materi..., F16:Comments, SF15:Asyst
- Bottom Bar: JPath v4.0j, OVR

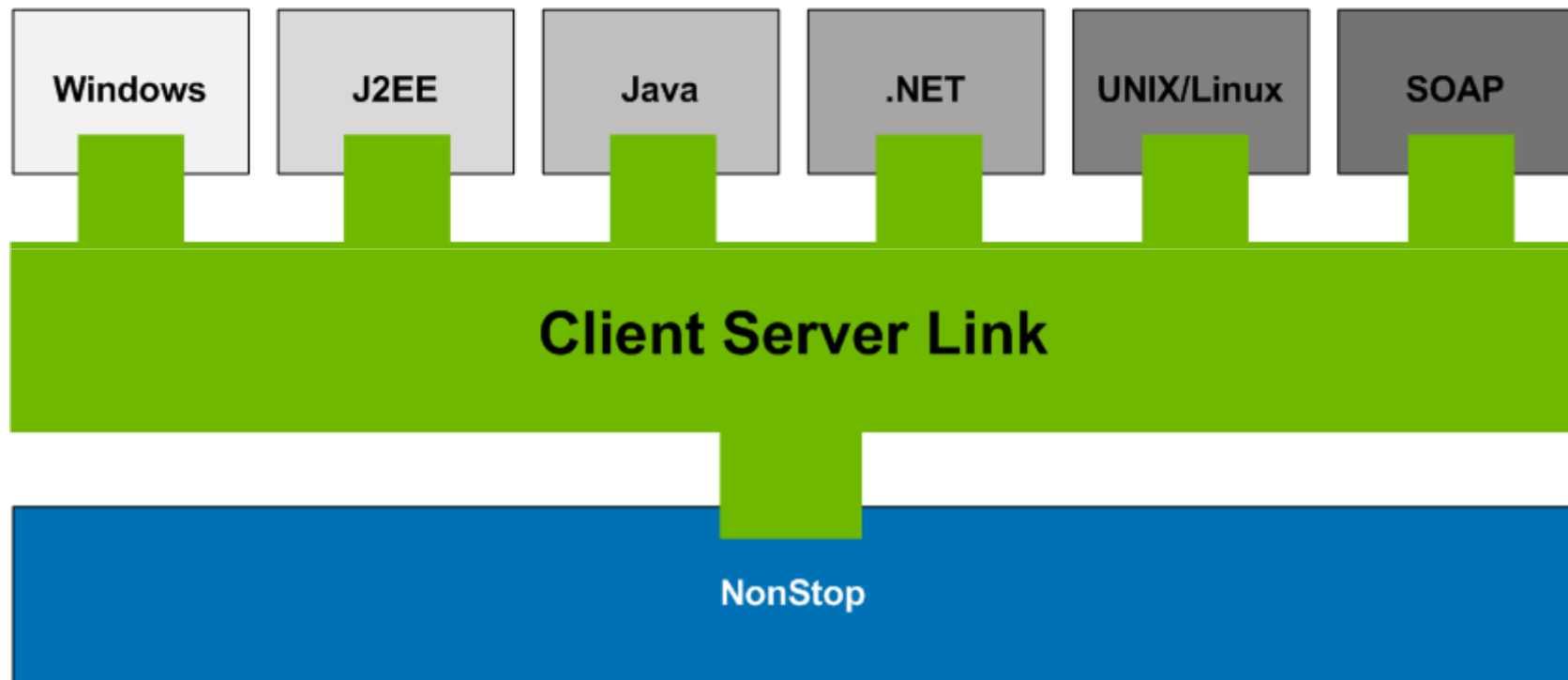
3. Enterprise Integration & Application Modernization:

- **Problem:** NonStop applications are not designed to integrate with the enterprise



3. Enterprise Integration & Application Modernization:

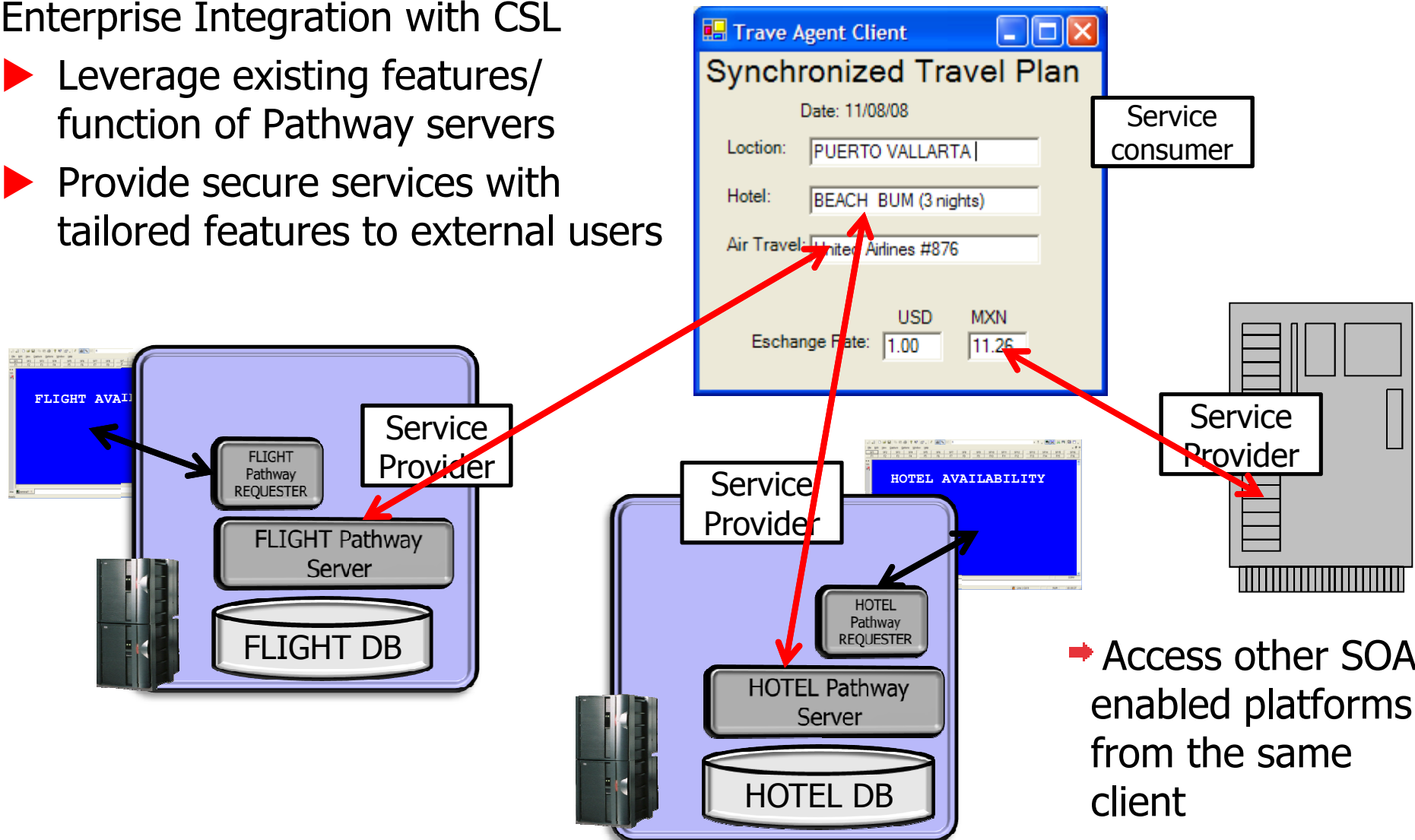
- ▶ Solution: **CSL** enables rapid Web service enablement of HP NonStop applications



3. Enterprise Integration & Application Modernization:

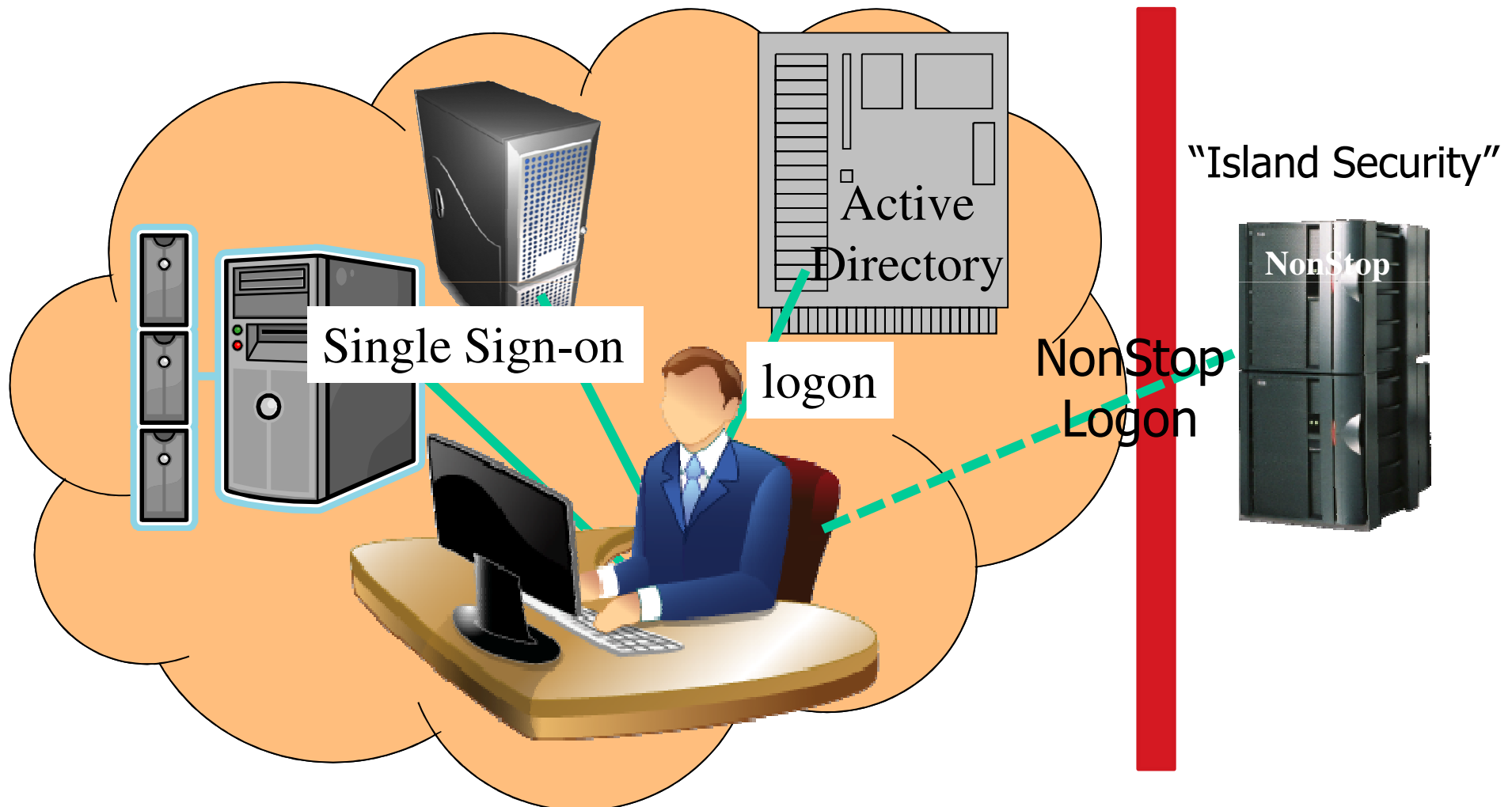
Enterprise Integration with CSL

- ▶ Leverage existing features/function of Pathway servers
- ▶ Provide secure services with tailored features to external users



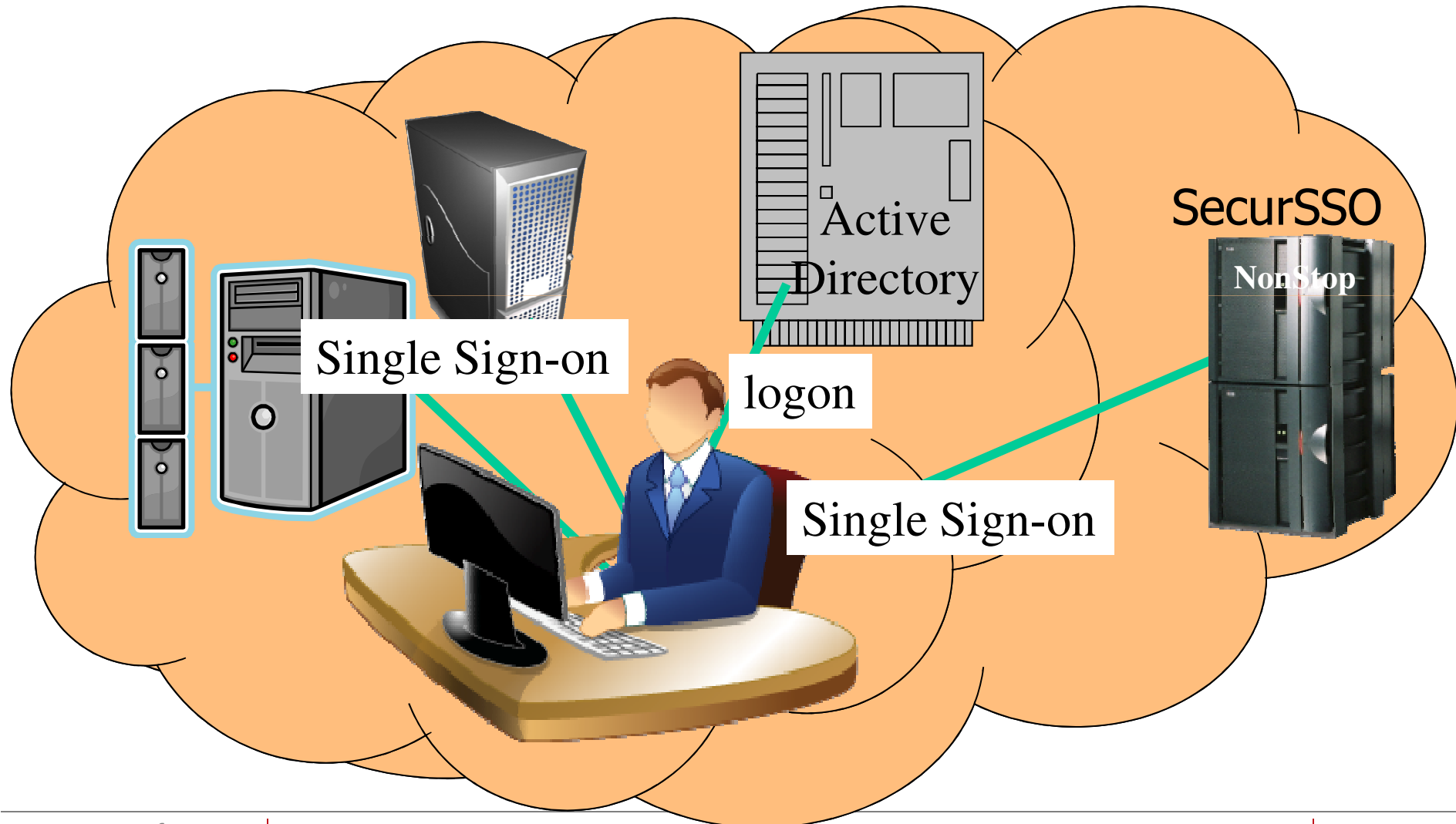
4. "Enterprise Security":

- **Problem:** NonStop security is an island from the enterprise



4. "Enterprise Security":

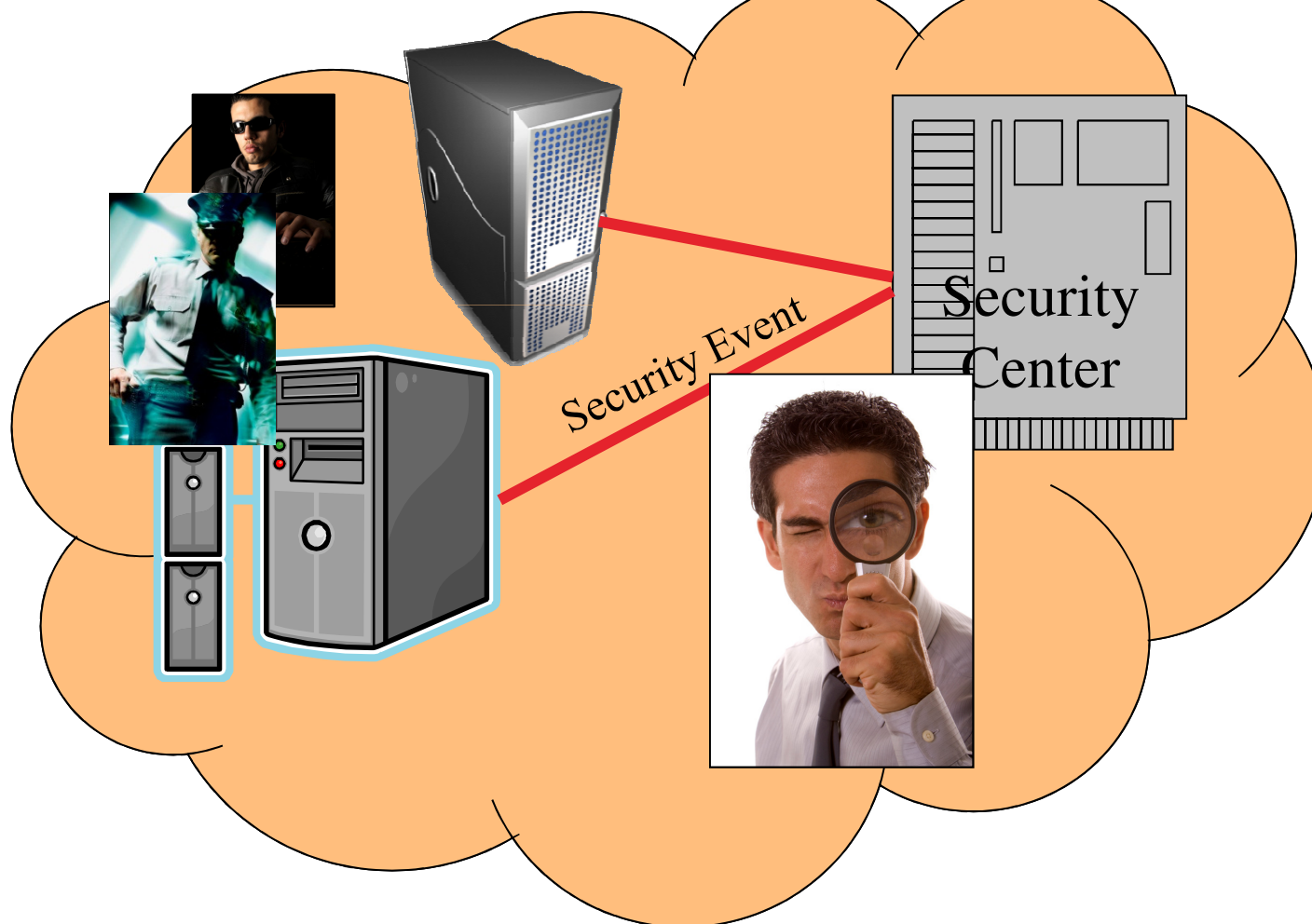
- Solution: **SecurSSO** - Active Directory Single Sign-on for the HP NonStop



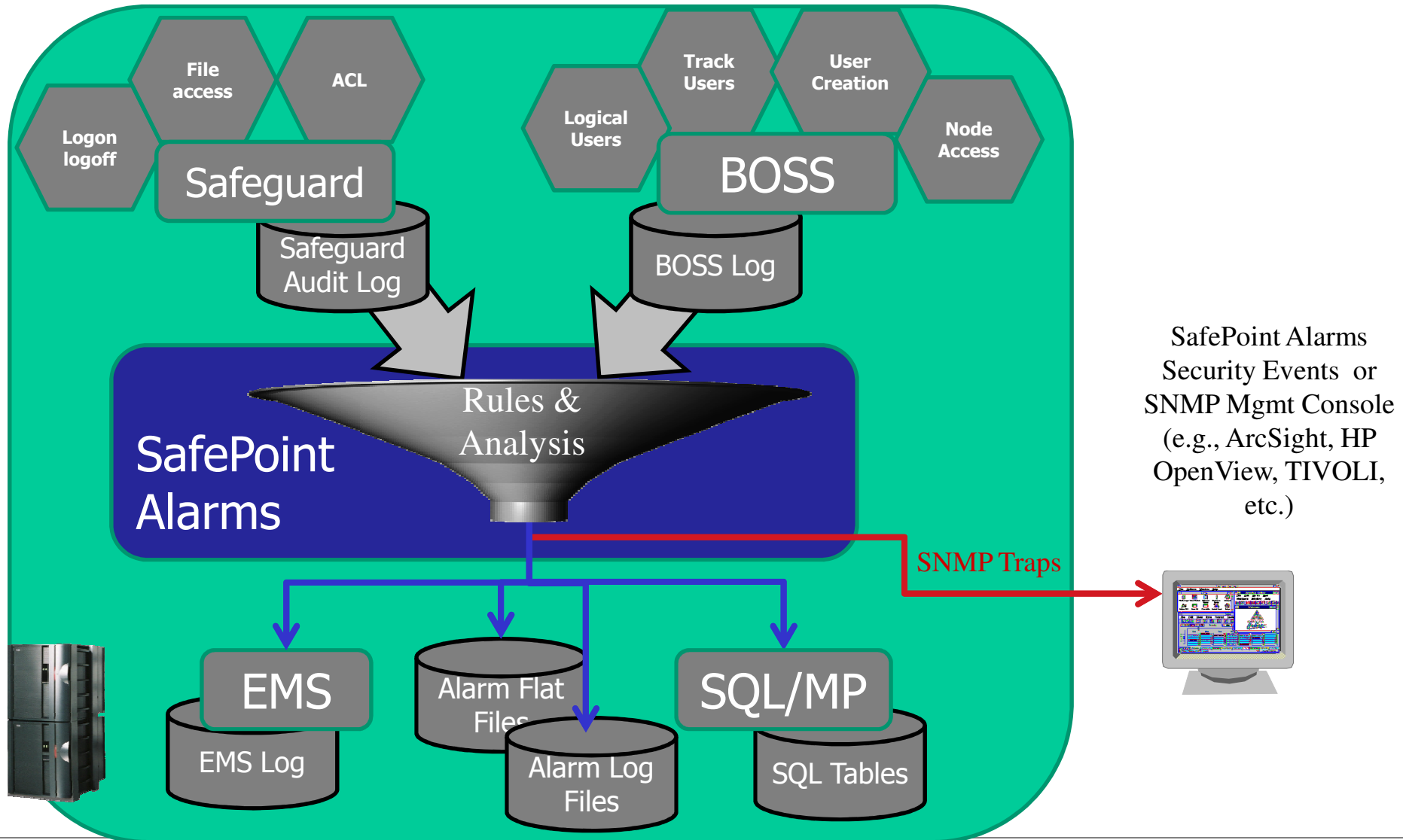
4. "Enterprise Security":

► Problem:

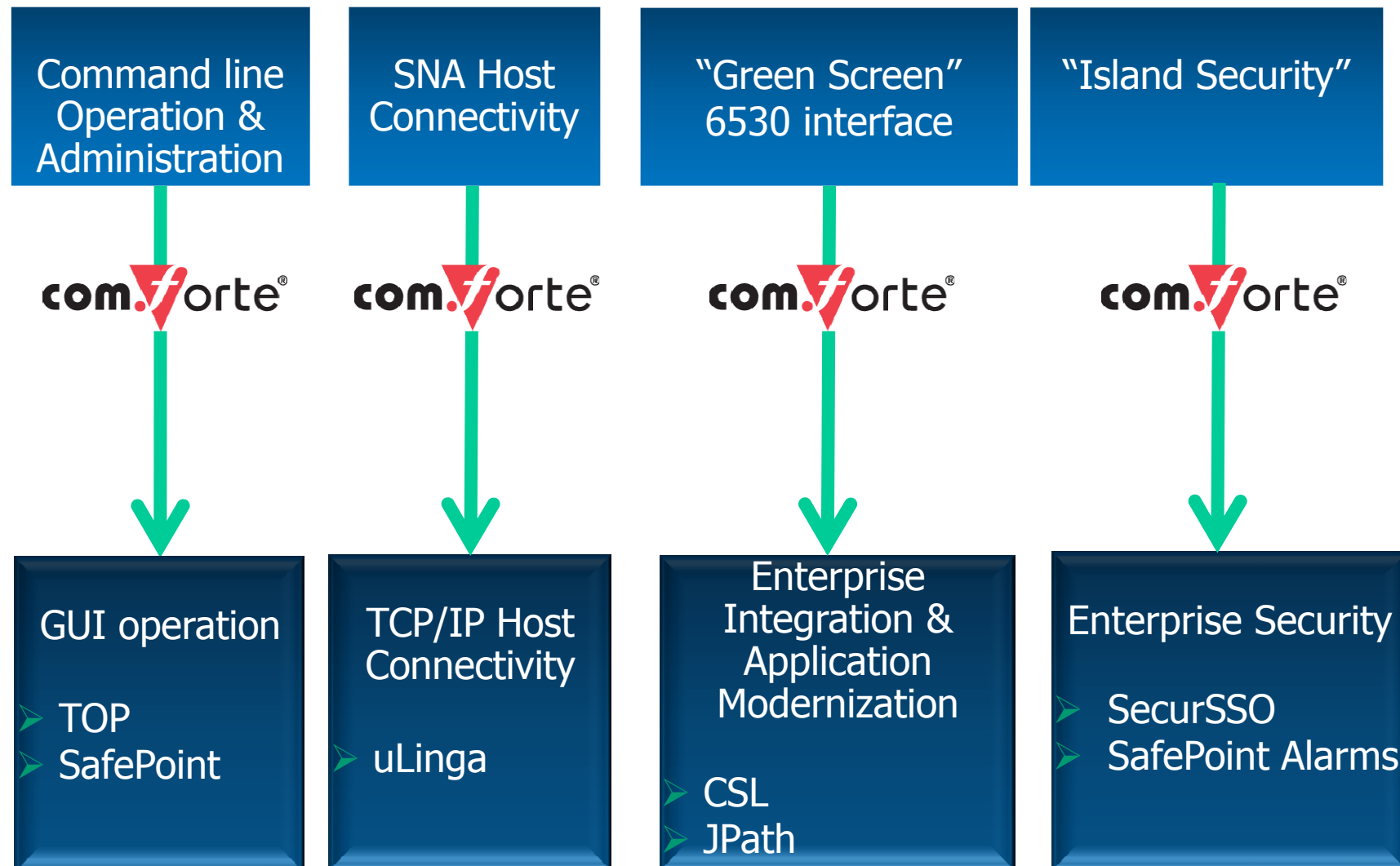
Enterprise security not alerted when NonStop security is breached



SafePoint Alarms – An Overview



Summary: NonStop Modernization with comForte



Questions?



► Questions?

Thank you for your attention

For further information please
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