

what makes you *
special?

IBM Softwaredag 2006



Lantmännen
Unibake

Lantmännen Unibake konsoliderer sikkerheden

Claus Lemming
IT-Manager





This is Lantmännen

- Lantmännen er en af Nordens største virksomheder inden for fødevarer, energi og landbrug
- Ejes af 49.000 svenske landmænd
- 12.000 ansatte
- Omsætning: 24 mia. DKK
- Opererer i 19 lande
- Lantmännen er opdelt i 10 Business Areas: Lantbruk, Svalöf Weibull, Kronfågel, Anlægnings- og Lantbruksmaskiner, Granngården, Energi, Mills, Axa, Unibake og Invest.





This is Lantmännen Unibake.....

- Lantmännen Unibake er et af 10 Business Areas i Lantmännen
- 1.800 ansatte
- Omsætning: ca. 3 mia. DKK
- 18 bagerier – Danmark, Norge, Sverige, Tyskland, Polen, Belgien og Rusland
- 10 salgskontorer – Japan, Korea, USA, Spanien, Frankrig, Baltikum, Finland, Tyskland, Holland og Italien.
- Hovedkontor i Danmark.





This is Lantmännen Unibake Denmark A/S

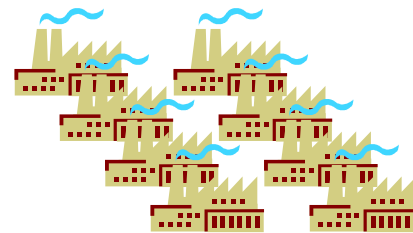
- Lantmännen Unibake Denmark A/S er Lantmännen Unibake's danske Business Unit
- 850 ansatte
- Omsætning: ca. 1,2 mia. DKK
- 6 bagerier – Karup, Holstebro, Hasselager, Hatting, Tølløse og Glostrup
- Hovedkontor i Hatting ved Horsens





Den klassiske udfordring

- Ekspanderende virksomhed...
- Flere fabrikker...
- Flere brugere...
- Flere servere...



- "Ad hoc" backupløsninger
 - Forskellige platforme
 - Forskellige versioner
 - Forskellige bånd typer
 - Manuel håndtering
- Økonomi
 - Dårlig udnyttelse af bånd
 - Høj pris pr. server





Den klassiske udfordring

- IT Chefens nattesøvn
 - Hvad nu hvis
 - Har vi
 - Kan vi
 - Hvem kan





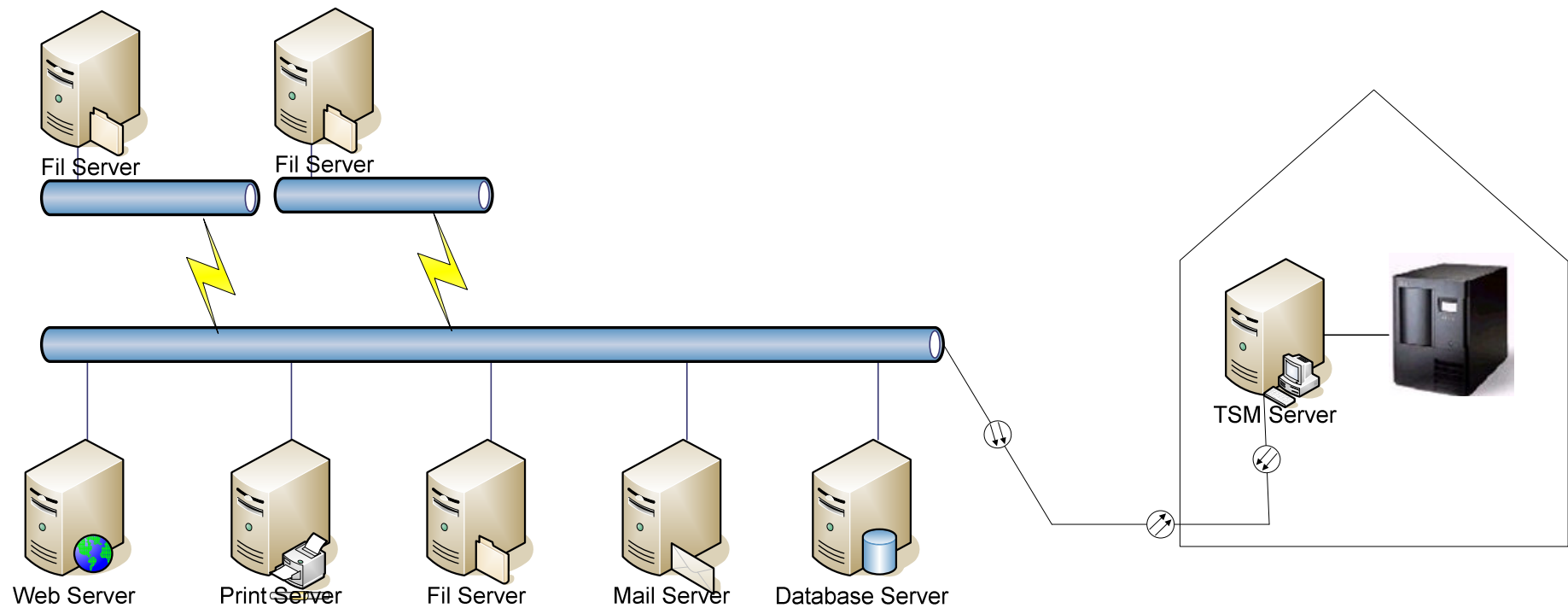
Løsningen Hvad gjorde vi?

- Analyse
 - Datamængde og type
 - Antal servere
 - Fysisk placering
 - Netværk
 - Kompetencer
 - Krav
- Rapport
 - Kravspecifikation
 - Valgmuligheder – Remote Backup eller egen installation
- Resultat
 - IBM Tivoli Storage Manager
 - IBM 3583 Tape Library

Tivoli. software



Løsningen Hvad fik vi?





Løsningen Hvilke fordele gav det?

- IBM Tivoli Storage manager
 - Incremental forever
 - Én backupløsning
 - Høj udnyttelse af båndkapacitet
 - Høj sikkerhed

- B4Restore
 - Wizards for IBM Tivoli Storage Manager
 - Operator for IBM Tivoli Storage Manager

Tivoli. software

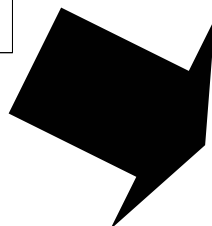
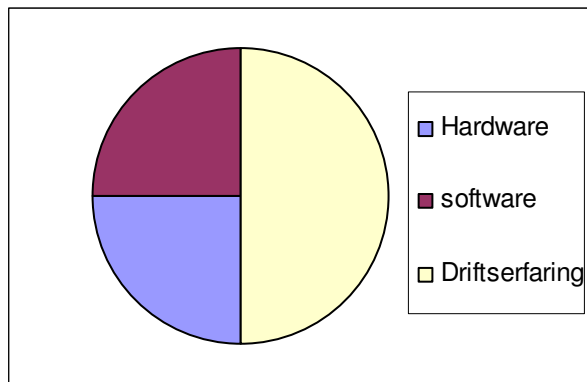
B4RESTORE
| 010000100100 | PROTECTING INFORMATION |

WIZARDS™
FOR IBM TIVOLI STORAGE MANAGER

OPERATOR™
FOR IBM TIVOLI STORAGE MANAGER

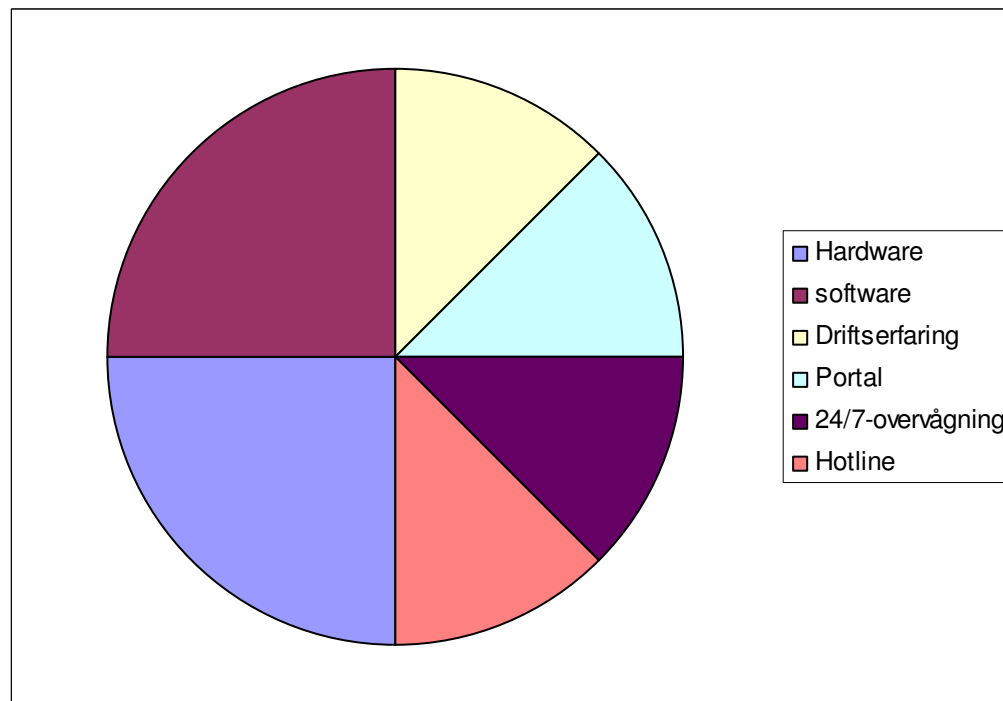


Løsningen.....

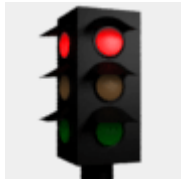


B4RESTORE

| 010000100100 | PROTECTING INFORMATION |



- Daglig mail med Node- og Server-rapport



Lantmännen Unibake A/S - Node Report - Full Access Administration - Lotus Notes

File Edit View Create Actions Help

Address

Welcome Claus H Lenning - Inbox... Lantmännen Unibake A/S ...

Nyt memo Svar Svar til alle Videre-send Slet Opfølgning Mappe Kopier til ny Chat Værktøj

wizards@b4restore.com
14-09-2006 11:25

Til tsm-wizards@unibake.dk
cc
bcc
Emne Lantmännen Unibake A/S - Node Report

Node report : Thursday 14 September 2006
Company : Lantmännen Unibake A/S

WIZARDS
FOR IBM TIVOLI STORAGE MANAGER

The Mail Report from TSM-Wizards displays the Scheduled Client Events and Client Activities for the past 24 hours

Scheduled Events

NodeName	Schedule Name	Schedule Start	Schedule End	Status
HATDC01	INCR_1900_BCK	13-Sep-2006 19:03:31	13-Sep-2006 19:25:18	Completed
HATDC02	INCR_1900_BCK	13-Sep-2006 19:00:57	13-Sep-2006 19:26:53	Completed
HATDOCMAN01_BA	INCR_1900_BCK	13-Sep-2006 19:00:48	13-Sep-2006 19:04:35	Completed
HATNOTES1	INCR_1900_BCK	13-Sep-2006 19:02:17	14-Sep-2006 00:49:55	Completed
HATNOTES2_BA	INCR_1900_BCK	13-Sep-2006 19:02:20	13-Sep-2006 19:10:19	Completed
HATTERM01	INCR_1900_BCK	13-Sep-2006 19:02:22	13-Sep-2006 19:04:10	Completed
HATNOTES1_DOM	DOMINO_SEL	13-Sep-2006 21:02:15	13-Sep-2006 21:02:18	Completed
HATNOTES2_DOM	DOMINO_SEL	13-Sep-2006 22:10:28	13-Sep-2006 22:10:29	Completed
HATTSMSRV	INCR_2200_BCK	13-Sep-2006 22:03:37	13-Sep-2006 22:05:41	Completed
HATPROMARK01	INCR_2300_BCK	13-Sep-2006 23:11:19	13-Sep-2006 23:25:08	Completed
HATSAS01_BA	INCR_0100_BCK	14-Sep-2006 01:08:37	14-Sep-2006 01:11:56	Completed
HATSASFM02_BA	INCR_0100_BCK	14-Sep-2006 01:09:39	14-Sep-2006 01:17:08	Completed
HATSASFM03_BA	INCR_0100_BCK	14-Sep-2006 01:01:47	14-Sep-2006 01:02:53	Completed
HATSASFMS_BA	INCR_0100_BCK	14-Sep-2006 01:06:23	14-Sep-2006 01:13:18	Completed

Activities

NodeName	Activity	Start Time	End Time	Files	MB	Successful
HATDC01	BACKUP	13-Sep-2006 19:03:31	13-Sep-2006 19:25:18	4379	1045.4	YES
HATDC02	BACKUP	13-Sep-2006 19:00:57	13-Sep-2006 19:26:53	917	1091.9	YES
HATDOCMAN01_BA	BACKUP	13-Sep-2006 19:00:48	13-Sep-2006 19:04:35	82	255.2	YES
HATNOTES1	BACKUP	13-Sep-2006 19:02:17	14-Sep-2006 00:49:55	4113	210574.7	YES
HATNOTES1_DOM	BACKUP	13-Sep-2006 21:02:15	14-Sep-2006 00:04:30	1548	121743.8	YES
HATNOTES2_BA	BACKUP	13-Sep-2006 19:02:20	13-Sep-2006 19:10:19	482	3155.1	YES
HATNOTES2_DOM	BACKUP	13-Sep-2006 22:10:41	13-Sep-2006 22:27:06	882	7252.9	YES
HATPROMARK01	BACKUP	13-Sep-2006 23:11:19	13-Sep-2006 23:25:08	143	2826.3	YES

I Am Active Office

- Wizards Portal

Wizards for Tivoli Storage Manager - Microsoft Internet Explorer provided by Lantmännen Unibake Denmark A/S

Adresse: <https://tsm-wizards.com/members/index02.htm?CFID=3394&CFTOKEN=6beb6e92c62c510c-9C310883-CE26-0681-BE7E4832022DC7C1>

WIZARDS
FOR IBM TIVOLI STORAGE MANAGER

Status Alerts, System Status

Object view Clients, Server, Storage

Disaster recovery DR plans, Offsite Storage

Planning Disaster Recovery, Wizards Planning

User settings Account, SMS & Download

Current user: Lantmännen Unibake A/S (Unibake) | Logout

News :

- 11-Sep-06**
Tape- og library Device Driver 6.1.3.8 er frigivet.
More...
- 05-Sep-06**
TSM 5.2.8.2 frigivet - Vigtig!
More...
- 04-Sep-06**
Ny email afsender fra Wizards
More...
- 01-Sep-06**
Besøg os på IBM Software dag d. 19 sept.
More...
- 18-Aug-06**
Kritisk fejl i firmware version 06.12.27.00 til DS4100.
More...
- 09-Dec-05**
Ny version af Wizards for TSM
More...

Client Status

Client	Registered nodes	Scheduled client events	Completed events	Failed events	Missed events	In progress
	18	19	19	0	0	0

Activities

Activities	OK	Failed	MB's
Backup	15	0	140577
Restore	0	0	0
Archive	0	0	0
Retrieve	0	0	0

Server : Latest BU : 11-09-06 07:43:21
Backup running : NO

Household activities

Household activities	OK	Failed	MB's
Expiration	1	0	
Migration	3	0	140587
Stgp. Backup	2	6	388
Reclamation	1	10	99648
TSM DB Backup	1	0	5052

DB :

LOG :

Storage :

- Disk Storage:** DB_DISK01_RND
- Seq Storage Pools:** TAPE01_BU
- Copy Storage Pools:** TAPE01_OFFSITE

javascript:nodePassiveClick('OV5ServSumItem', 'folder_collapse_0_0', 2)

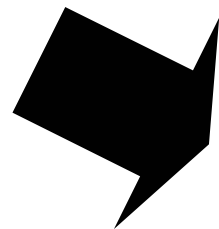
Internet

- Operator

```
IBM Tivoli Storage Manager
IBM3583_LIB 000011L1 Private Data 4.101
IBM3583_LIB 000012L1 Private Data 4.103
IBM3583_LIB 000015L1 Private Data 4.110
IBM3583_LIB 000020L1 Private Data 4.114
IBM3583_LIB 000102L2 Private Data 4.111
IBM3583_LIB 000105L2 Private Data 4.116
IBM3583_LIB 000106L2 Private Data 4.115
IBM3583_LIB 000109L2 Private Data 4.097
IBM3583_LIB 000110L2 Private Data 4.113
IBM3583_LIB 000111L2 Cleaner Data 4.109
IBM3583_LIB 000114L2 Private Data 4.107
IBM3583_LIB 000115L2 Private Data 4.106
IBM3583_LIB 000116L2 Private Data 4.099
IBM3583_LIB 000119L2 Private Data 4.098
IBM3583_LIB 000121L2 Private Data 4.105
more... <<ENTER> to continue, 'C' to cancel>

IBM3583_LIB 000122L2 Private Data 4.123
IBM3583_LIB 000123L2 Private Data 4.102
IBM3583_LIB 000124L2 Private Data 4.108
IBM3583_LIB 000127L2 Private DbBackup 4.118
IBM3583_LIB 000129L2 Private Data 4.126

tsm: TSMRU01>LABEL LIBUOL IBM3583_LIB SEARCH=BULK LABELSOURCE=BARCODE CHECKIN=S
CRATGH_
```



B4RESTORE

| 010000100100 | PROTECTING INFORMATION |

TSM Operator

Vis Log Windows Hjælp

B4RESTORE

Check Out
Library -> Vault

Check In
Vault -> Library

Brandskabets indhold
Audit

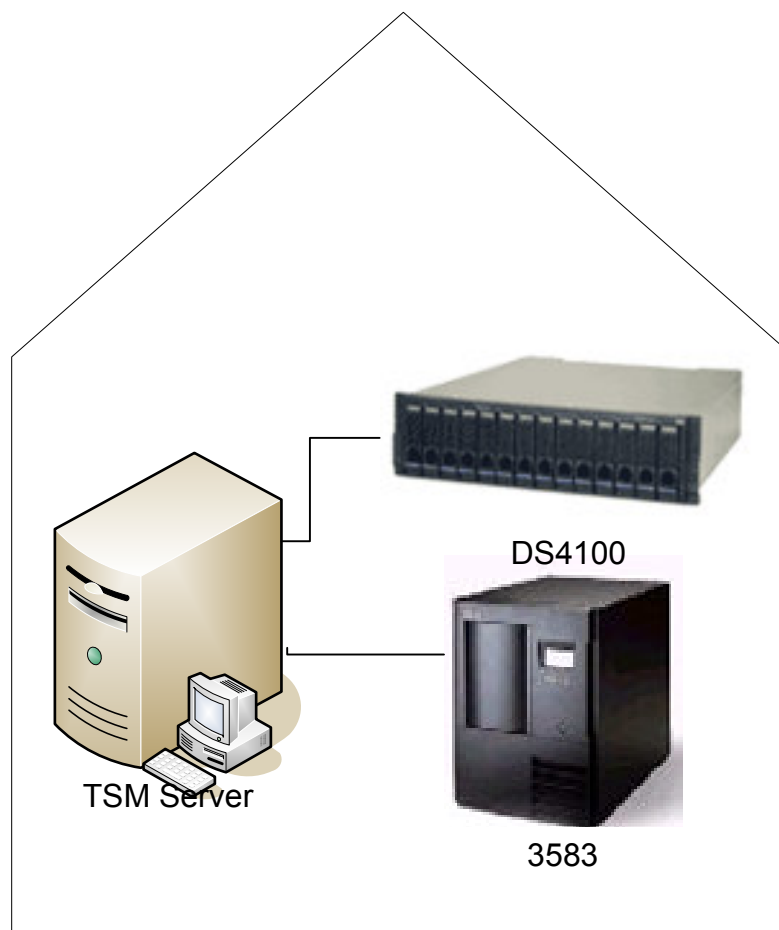
OFFSITE STORAGE

MAINTENANCE

OPERATOR
FOR IBM TIVOLI STORAGE MANAGER



Fremtiden.....





Fremtiden.....

- Outsourcing af driften ????
- B4Restore gennemfører en markedsundersøgelse, der kan afdække DIT behov for en ny backup-løsning.

Hvis du vil deltage i undersøgelsen eller høre mere om Tivoli Storage Manager, Wizards eller Operator, så besøg B4Restore på Stand 2.



Lantmännen
Unibake

B4RESTORE
| 010000100100 | PROTECTING INFORMATION |