



Bacula Systems: Enterprise-Ready Backup and Restore

**An Introduction of Bacula System's Value
with dass IT.**

Proprietary Vendor Mischief

Why did a leading proprietary backup vendor recently try to hustle its customer, Bank Austria, into spending an extra 250'000 Euro's just for a small tape library extension?

Bank Austria said "Enough is Enough! We can find a better solution."

You can too.



A New Approach

- Dr. Kern Sibbald, CTO Bacula Systems:

"The enterprise is no longer obliged to pay outrageous backup license fees"



Who's Using Bacula?



- Over 1 Million Downloads for all of Bacula.org components



#1 IN VALUE

"I've found what I think is a much better solution: Bacula."  **O'REILLY[®] Sys Admin**



"Download the latest release of Bacula and watch those backup woes disappear into the dark of night"

"Solutions like Bacula are excellent for providing a stable, reliable onsite backup"



OS Reviews

"Bacula suddenly looks like Heaven on earth"

"A fantastic network backup system."



Bacula Overview

- **Founded:**
 - Bacula project founded in 2000 by Kern Sibbald
- **Technology:**
 - Modern, Open Source networked backup and data verification solution.
- **Mission:**
 - To offer an enterprise class, mission-critical backup solution that enable Fortune 5000 organizations to **backup and restore** data while meeting industry requirements and reducing costs by a factor of 10.



Why Bacula?



- **Better Software**

- Peer Review
- Very high quality code
- Innovation through OSS Community



- **Better Service**

- More responsive
- Transparency
- Highest-level expertise

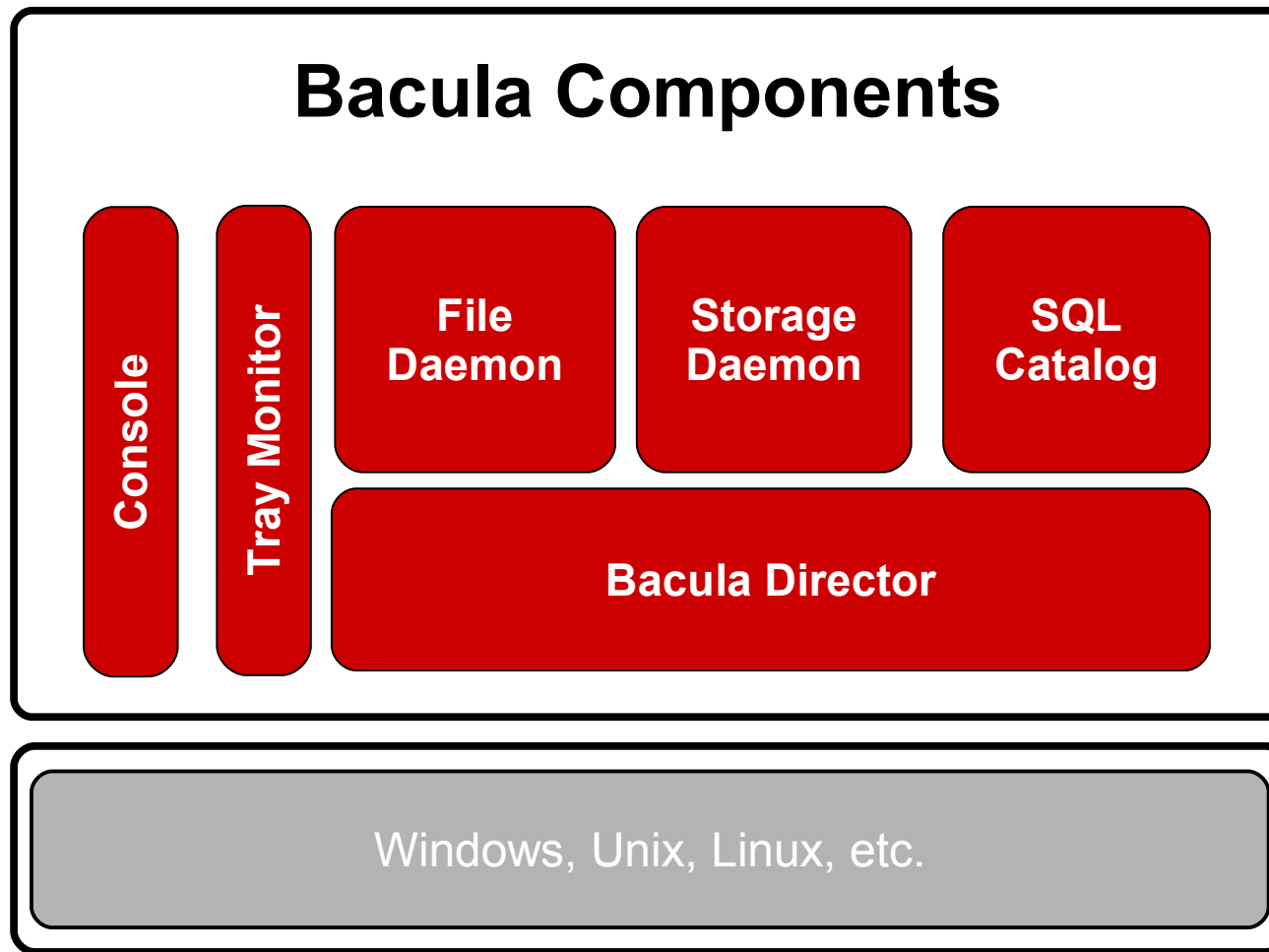


- **Better Value**

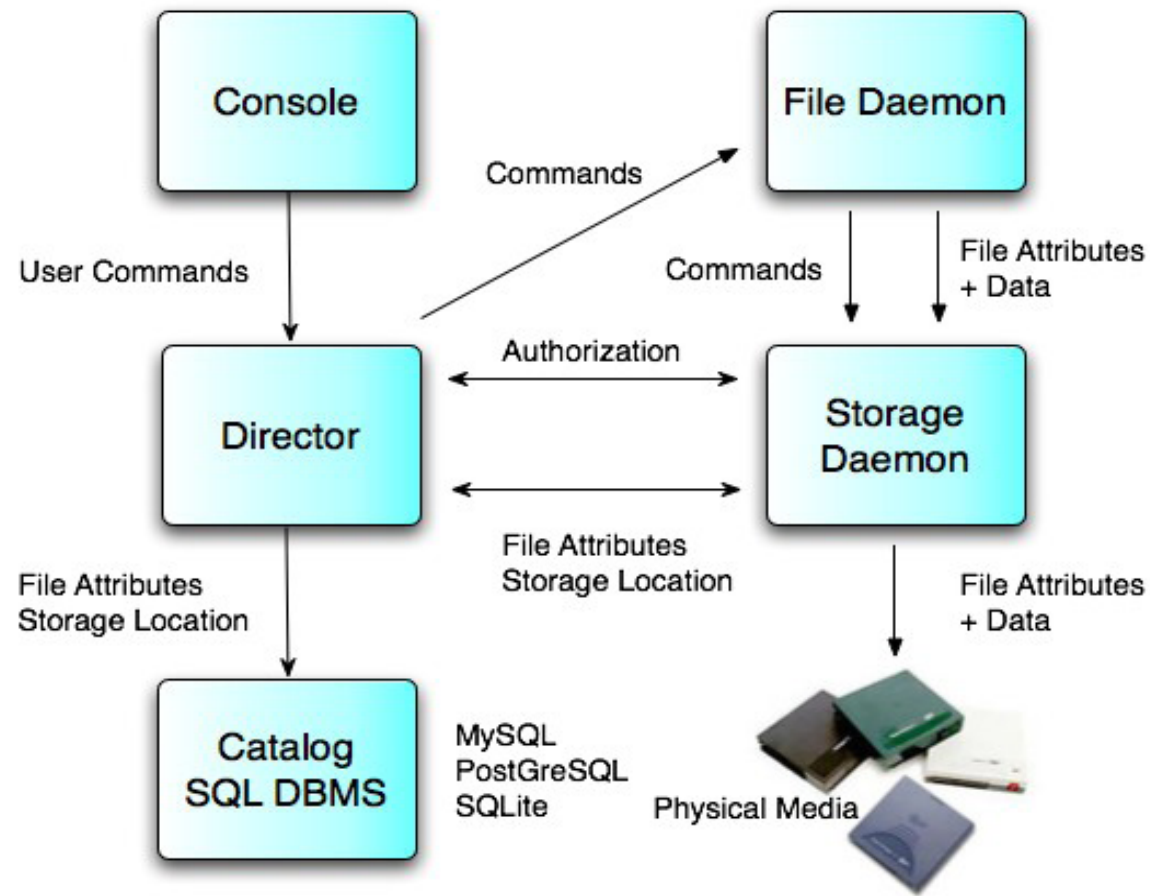
- Zero License Fees
- Freedom from Vendor Lock-in
- Elimination of Linear Costs



Simple, modular design.



Bacula Enterprise Backup Platform



Main components

Bacula – Main Feature Set

- **Bacula** is a reliable, highly scalable, modular and multithreaded open source backup and data verification solution. With advanced levels of security built in every layer of its modern design, and industry-standard SQL database, Bacula is used by thousands of enterprises all over the world. Some of the reasons for Bacula's widespread acceptance in mission critical environments are:
 - Reductions in costs by a factor of 10 compared to proprietary products
 - Zero-cost licenses
 - Easy to set up
 - Backup to LT03 tape drives at 150 MB / sec (via fiberchannel)
 - Highly extensible and modular
 - Configurable for high availability in a clustered environment
 - Helps meet regulatory requirements



Additional Features

- A central server and catalog with distributed backup
- All components communicate via the network and are deployed separately.
- Internal scheduler for automatic and simultaneous job execution with priorities.
- Interactive restore of one or more files from:
 - current backup
 - prior backup of time and date
 - list of files/directories to restore
 - restore by JobId
- Simple administration with consoles (command line, GUI, and web)



Additional Features (continued)

- Labeled Volumes, to prevent accidental overwriting
- Support for ANSI / IBM labels
- Machine independent Volume data format - extensible
- Support for Unicode on Win32; UTF-8 on Unix
- Rescue CDROM for “bare metal” recovery.
- Deduplication at file-level



Real Installations

- 53TB, 150,000,000 files, 90 clients, Linux
- 40TB, 40,000,000 files, 30 clients, Solaris
- LTO3
- libraries with several drives
- Large libraries with 100's of tape slots
- Libraries and drives connected with FC SAN
- 20GB, 200,000 files, 1 client, Linux disk and tape



Bacula Subscription Components

Technical Support

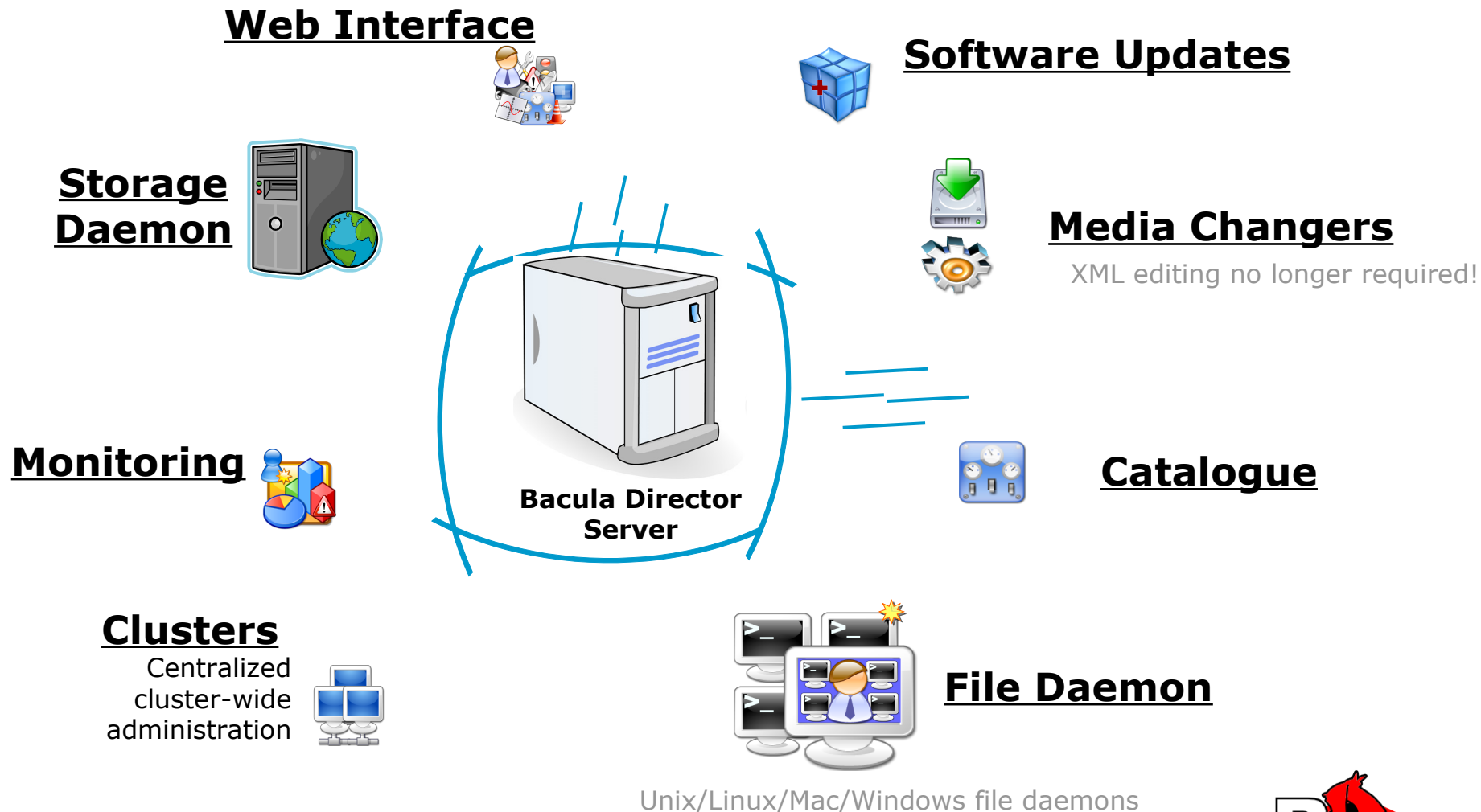
Maintenance Guidance

Certified Software



Bacula

Enterprise Backup & Recovery Platform



Q: Why Bacula?

A: Industry Leading Support.



*“We’ve found an enterprise class scalable solution, with zero-cost license and **superior professional service from the expert developers behind the technology.**”*

– Klaus Horak, Director of Technology

- Bacula Professional Support Engineers are **experts in backup technology**

	Standard	Bronze	Silver	Gold
Support Channel	Web	Web and Phone	Web and Phone	Web and Phone
Authorized Contacts	1	2	3	5
Response Times	(24/7 response contracts also available on request)			
Severity 1	1 Business Day	6 Business Hours	4 Business Hours	1 Business Hour



What's in a Bacula Systems Subscription?

- **Highest-quality support:** From the Bacula support team and its lead developers
- **Product access:** Bacula Systems Certified Binaries; documentation
- **Updates:** Regular updates that provide general enhancements, new features, etc.
- **Patches:** Fast bug fixes and security errata
- **Flexibility:** Subscriptions are not version-specific, so access to, and support for previous version is included
- **Bacula Customer Support Portal:** Connect directly to Bacula support staff if necessary, open and track support cases in real-time, and download certified patches and updates
- **Support:** Multiple support services providing unlimited incidents and coverage up to 24x7 with 1 hour response
- **Long term stability:** Multi-year support and update policies for all Bacula Systems software



Bacula Systems

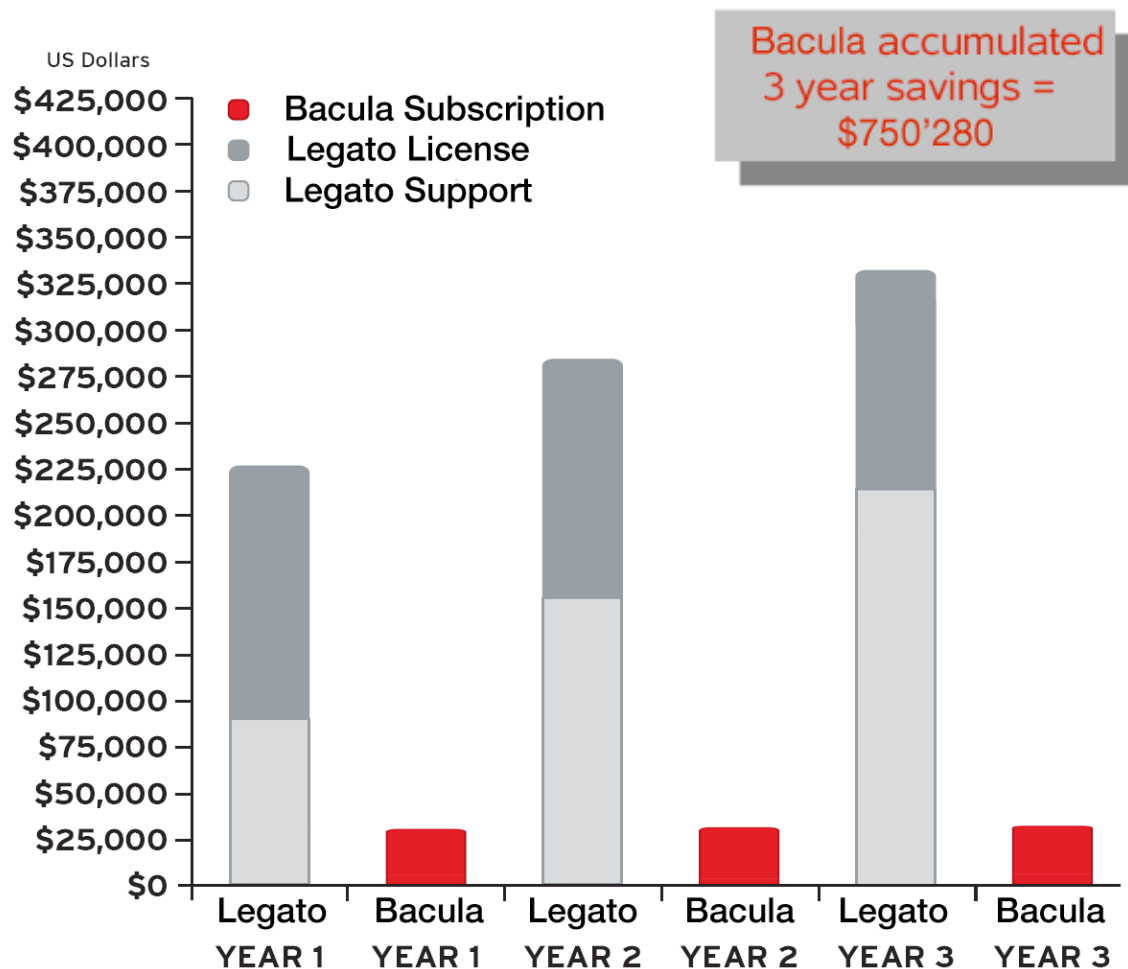
Certified Training Services

- **Current Course Offerings**
 - Bacula Introduction Course
 - Bacula Advanced course
- **Public Training**
 - Regularly scheduled in Europe
- **Onsite Training**
 - Cost effective for larger development teams
 - Reduce travel and disruption
- **Certification Exam Available**
 - Guaranteed level of technical competence



Q. Why Bacula?

A: Significantly Lower TCO.



"With Bacula's solution, we experienced a significant turnaround in reliability. Thanks to its modern architecture, Bacula has provided us with the ability to offer advanced services to our customers"

- Neil Lathwood, IT Director of UKFast



Lowering TCO: Bank Austria



- Bank Austria is the largest bank in Austria.
- Bank Austria employees 15,000 staff

Challenge:

- Needed to significantly reduce IT costs

Solution:

- Needed replacement for expensive Legato Technology

Benefits:

- Increased reliability and better exploitation of hardware
- No vendor lock-in
- Estimated savings of **€390 thousand** over next five years

“Bacula was able to deliver the performance that was required and had the professional support necessary to enable us to confidently deploy the software in a production environment.”

Klaus Horak, Manager of IT Solutions.



Summary

Reliable

- Enterprise-class Reliability & Performance
- Massively scalable
- Industry-leading Support

Open

- Unparalleled Flexibility & Control via Open Source
- Open standards-based

Economical

- **Significantly lower Total Cost of Ownership**
- **Enables enterprises to refocus their resources on other things that differentiate their business**
- **Unlimited CPU's, unlimited clients, unlimited servers.**



Bacula – more information

Download Bacula

- Register for a free evaluation copy of Bacula
- Visit www.bacula.org

Get the Bacula Systems Newsletter

- Register for our regular Bacula Newsletter today
- Keep up to date on the features and benefits of Bacula solutions
- Visit www.baculasystems.com/eng/bscontact/contact/Group/ContactSales

