



# With a little help of VMS' Friends

(Gérard Calliet  
recorded by HP-Interex  
France)

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# A Silver Bullet

## ● Killer AST

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Mission-critical Roadmap Update for HP OpenVMS Customers

For over 35 years, the HP OpenVMS operating environment has served as a mission-critical platform upon which you have built your IT infrastructure. We deeply appreciate the loyalty you have shown HP during this time. We are committed to providing you updates and support for the V8.4 OpenVMS operating environment through at least December 31, 2020.

Deploying OpenVMS on Integrity i2 servers provides significant performance and cost savings over prior Alpha and Integrity versions. Please read how two customers | with Integrity i2 ("Tukwila") servers:

[AccuWeather, U.S. \(.pdf\)](#)

"AccuWeather improved runtime performance by 20 percent by upgrading its OpenVMS environment with HP Converged Infrastructure including HP Integrity blades".

[Sberbank, Russia \(.pdf\)](#)

"The HP Integrity server blades reduce our space needs by 20% and our power requirements by 15% annually."

To maintain and grow your mission-critical OpenVMS environment, we have extended sales of the Integrity i2 servers for OpenVMS through at least December 31, 2015 for OpenVMS through at least December 31, 2016. We will also extend Integrity i2 server hardware support through at least December 31, 2020.

Additionally we will continue legacy support for OpenVMS:

- OpenVMS V7.3-2 on Alpha: prior version support through December 31, 2015.
- OpenVMS V8.3 on Alpha: standard support through December 31, 2015.
- OpenVMS V8.4 on Alpha: standard support through at least December 31, 2016.
- OpenVMS V8.3/V8.3-1H1 on Integrity: standard support through December 31, 2015.

With the changes to extend sales and support of the HP Integrity i2 servers with OpenVMS, **we will not offer OpenVMS on HP Integrity i4 ("Poulson") servers.**

# A Silver Bullet

- exe\$exit

« you said I have to die, so I suicide »

- □ End of a 35 year old OS

# Impossible ?

- What do you see, how many times it has taken to exist ?



# possible

- How many time for destruction of this landscape ?
- ...
- Very little time
- So : A silver bullet is always possible

# What green it says to us

- The time of life of IT device is shorter and shorter
  - From 10 to 3 years
- AND we know the cost creating and detructing an IT is huge compared to the energy he takes
- So we got a factor 2 of increasing use of resources

# What green it says to us

- Why have we to change every years our devices ?
- Because our software are bigger and bigger

(try windows 8 on a celeron, for example)

# What green it says to us

- The ratio between central data and peripheral data go bigger and bigger
- (for example teras of marketing video versus some gigas for accounting)
- So : the more the data are unusefull, the more they need resources



# What does it involve for us

- Lifetime between mission critical system and standard lifetime are more and more incompatible
- Mission critical system are lesser and lesser significant in terms of quantity
- So : it's a normal thing our systems are going to die

# But some « not for profit » business cases

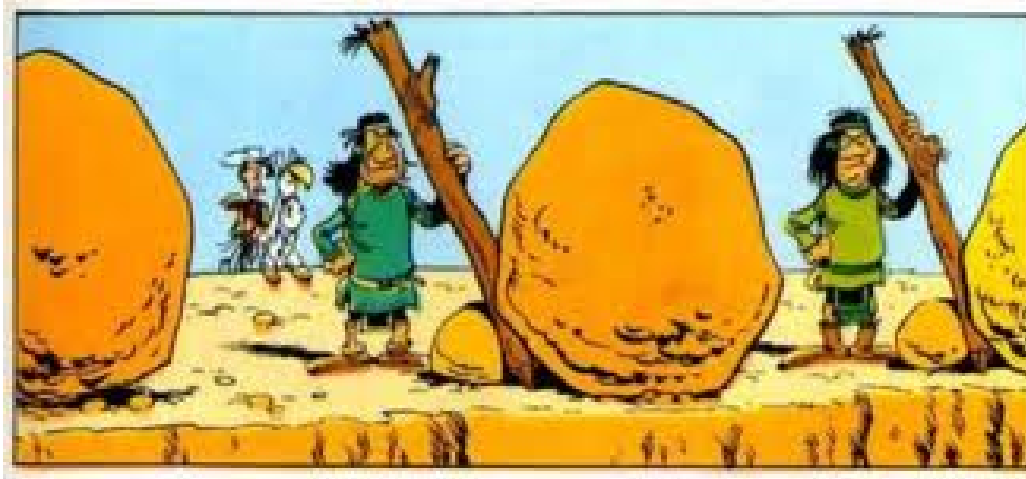
- « I have a mission critical system, developed in 80ins, and I have to extend its lifetime until 2035 »
- « if I buy some W plus x86 solutions, I know I'll have to do a port a minima by 5 years »
- « and I have some certification... »
  
- « No problem sir, DCL was born in 70ins and will go on for 50 years, we have already 3 hardware ports »

# Ok, ok

- « you said it's a « non for profit » case, so... »
- « hum, sir, do you know the train you take every day is safe because of that « non profit case » ? »

# Physics for the business

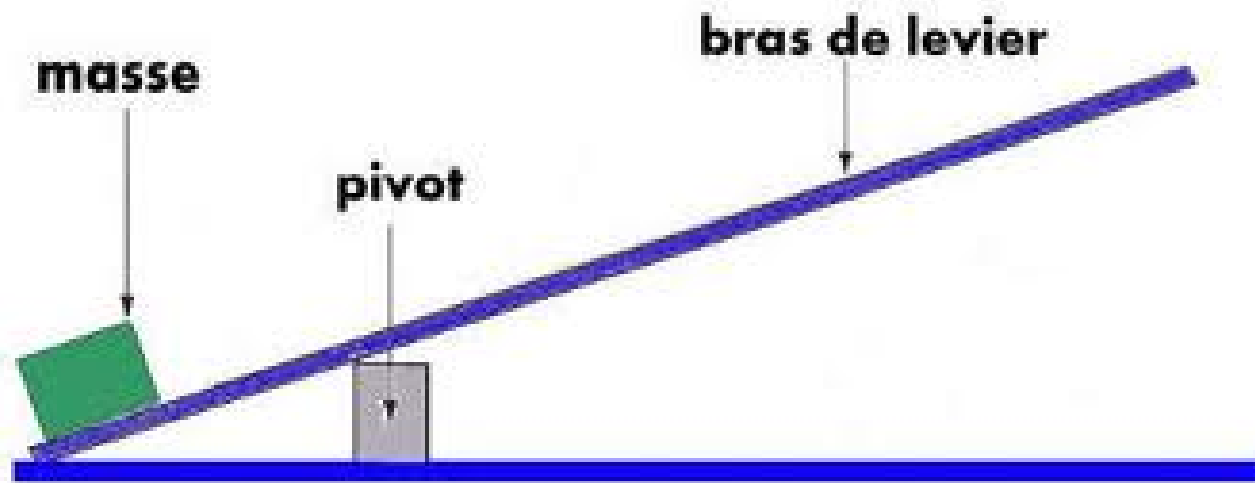
- What do you see here ?



- Oracle and HP waiting for their customers ?

# Physics for business

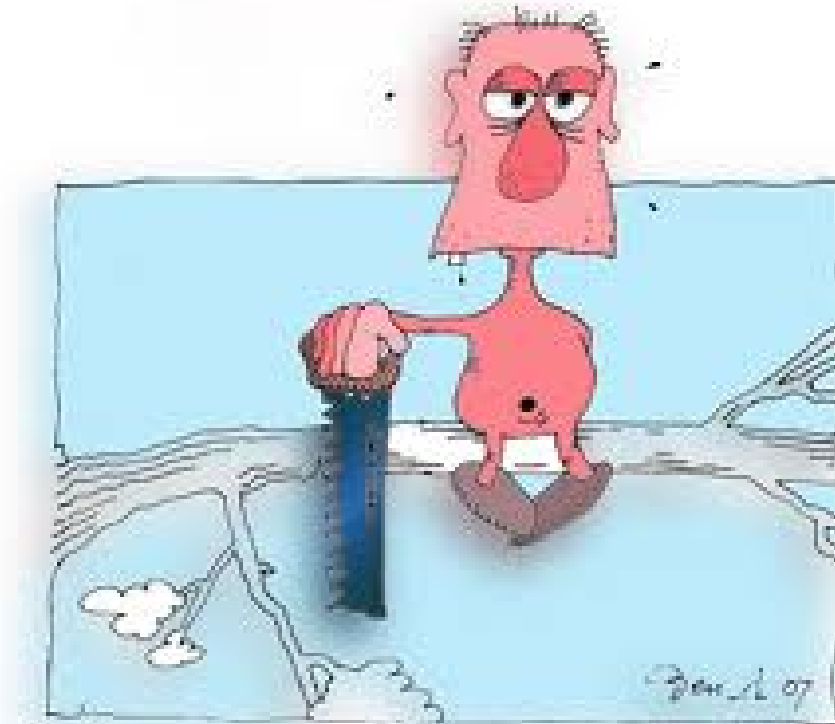
- A Lever



# Physics for business

- Everyone in business love LEVERS
- But do not confuse :
  - A point of support (has to be fixed)
  - The leverage action (can grow and grow)
- Otherwise...

# Another aspect of physics for business



# With little help of VMS' friends

After hunting with magic bullets, after scrashing our planet in a quarter of a second, after thinking about it energies and no-future for mission-critical, after some simple physics, we can go back to OpenVMS' future.



# In the heart on the night

- Who are they ?



- Oracle et HP ?

# In the heart of the night

- Wrong :



# In the heart of the night

- Why this image ?
- The good cop (HP) and the bad cop (Oracle)

# In the heart of the night

- The bad cop : « You are going to die »
- The good cop : « No, no, don't worry »
  
- But also :
  
- The good doctor : « You are very ill »
- The bad doctor : « Everything is all right »

# HP today in this situation

- Information fluency : none
- Knowledge of the customer base : none
- Knowledge of the OS environment and application specificities : none

## But we **do** love HP

- It is not completely his fault : there is a general difficulty for mission critical systems
- We have to love HP : several years to come in a « transition » with HP in our supply chain

# What can we do ?



- Waiting for ready-to-wear amical solutions ?

# Preparing the future

- We have to better know and tell about the specificities of our systems
- We have to renew the general knowledge of the OpenVMS customer base
- We have to initiate concrete and massive transferts of knowledge between HP and us



# Preparing the future

- The problem is not the « to be or not to be » of OpenVMS
- The problem is « how to survive in an incompatible general environment for the mission critical systems »
- It's structurally impossible big companies could invest in the « point of support »
- The 3 years versus 35 years equation cannot be supported by any by company (except IBM, of course)

# Preparing the future

- Perhaps birth of consortium customer / supplier is the solution
- Perhaps the Open Source solution is the solution
- Perhaps we can do something ourselves as users club, renewing some thing like DECUS

# For NOW

- We do something : we initiate a survey
- We have to prove that an OpenVMS customer base exist
- We have to communicate about our specificities

# The survey

- QUANTIFICATION
  - CA of concerned companies
  - Costs
  - Risks
- POSSIBLE or NOT POSSIBLE
  - API adherence
  - Knowledge management
  - Financial problems

# The survey

- Where can we go
  - Emulation, virtualisation
  - Main-frames
  - HP-UX or NON-STOP
  - HP Linuxes
  - Open Source Linuxes
  - ...

# Smooth it

- Helping HP to go better with us
- Determining what can do HP for us
  - Port it with some help
  - Sell it to a capital risker (chinese ?)
  - Pass it on Open Source
  - ...
- Have some good tools and practices
- Have a renewed community around

# For NOW

- The survey is initiated in France, but can be continued in Europe and in the world
- Warning : we have to prove we exist, so don't be too public before you have some result (cf. exe\$exit)

# For NOW

- Take the survey (here, and on our site)
- Have a look on our site : [www.hp-interex.fr](http://www.hp-interex.fr)
- Contact us : [PourVMS.HPInterex@yahoo.fr](mailto:PourVMS.HPInterex@yahoo.fr)



# Just a click



- You love OpenVMS ? You have to be on the photo



# Thank you

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