VMS Software Professional Services

vms Software

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&

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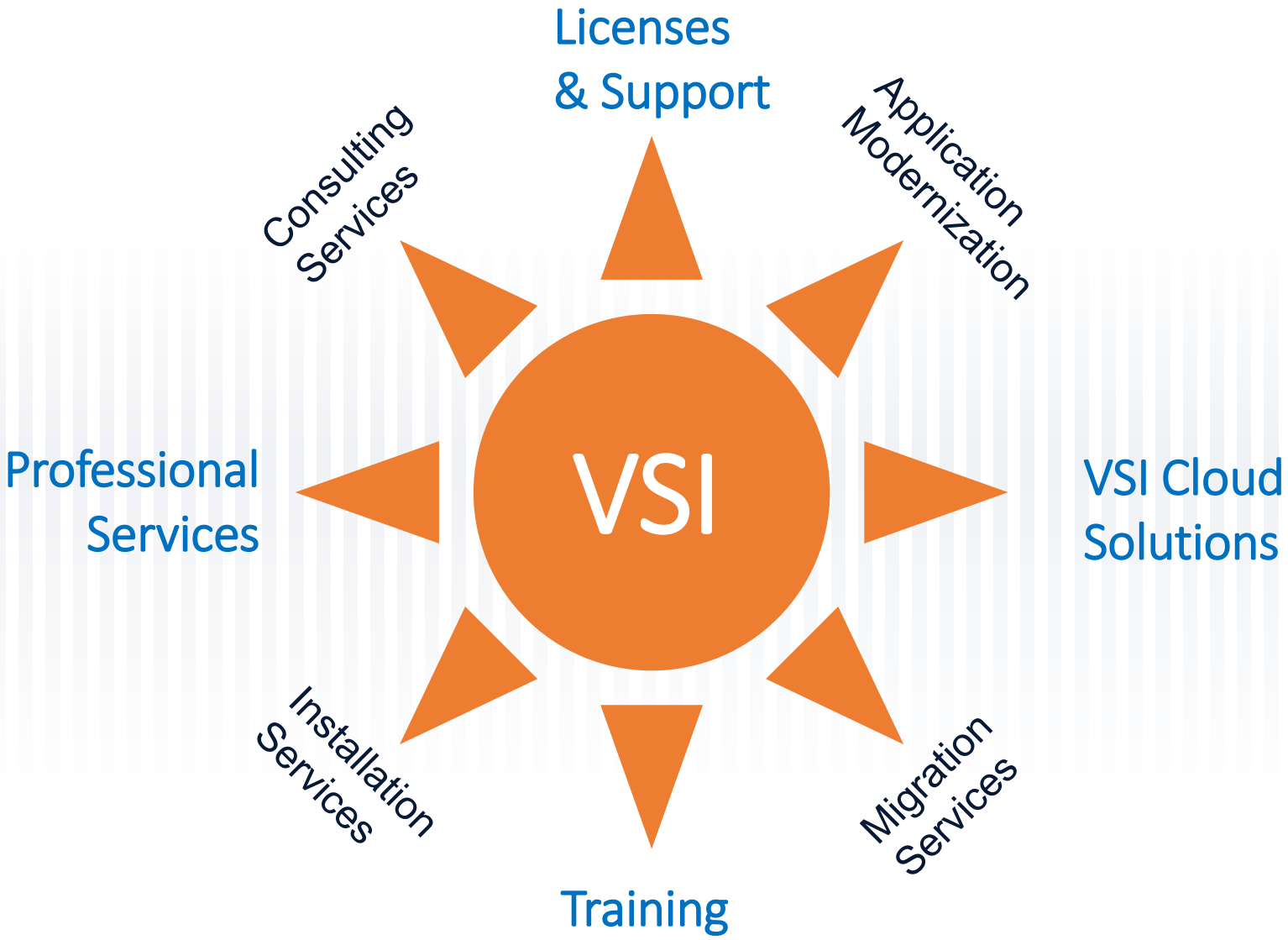
Who is VMS Software?

- VMS Software, Inc. was created as a result of its parent company Teracloud, S.A. (Luxembourg) purchasing from HP in 2014, all Rights to the OpenVMS O/S.
- VSI is headquartered in Bolton, Massachusetts USA.
- VSI has approx. 90 employees (+ contractors) with the majority in Bolton, MA but other locations as well.
  - Offices in Malmo, Sweden
  - Locations in The Netherlands, France, Germany, UK, Copenhagen and elsewhere in North America
- The majority of VSI's employees are developers and engineers working on new product solutions with the majority of these people working on x86 products available in late 2020.

OpenVMS Clearinghouse



VSI Business Update

- Changes for OpenVMS Users
  - V8.4 Standard Support ends December 31, 2020
  - HPE i6 server sales ends December 31, 2020
  - Other Changes
- New Subscription Model
  - Ease into VSI (License / Support) bundles
  - OpEx vs. CapEx
- VSI Growth
  - Engineering / Developer Talent
  - Sales & Marketing Talent
  - Pointed towards positive EBITDA
- New Community License Program (Fall, 2020)

Agenda

- VSI Professional Services
- VSI Application Services
- VSI Managed Services
- VSI T&M Engagements
- Q & A

What is VSI Professional Services

VMS Software Inc. (VSI) are the custodians of the OpenVMS operating system and many of its layered products. We know the operating system and products because we license, develop, engineer, and distribute them.

Our Professional Services staff can engage when you go beyond the contracted level of support or just need extra help. We can leverage the expertise and skills of our engineers in any product set from every facet of the company to provide you with the best possible solutions.

We at VSI Professional Services (VSI PS) are here to be a part of your team to provide you with the services you need to achieve your business goals.

OpenVMS Itanium Layered Products

Layered Product Name	Version
ABS/MDMS (Archive Backup Server/Media Device and Management System)	4.6
ACMS (DEV, Remote, RT)	5.3-2
Active MQ	5.15-0A
ANT (Another Neat Tool)	1.7-1B
Availability Manager (Base)	8.4-2L1
Availability Manager (Data Collector)	V3.2
Availability Manager Analyzer (Data Analyzer/Data Server)	3.2
AXIS2	V1.7-3
BASIC	1.8-4
C	7.4-1
C++	7.4-6
CDSA (Common Data Security Architecture)	2.4-322A
CIFS (Common Internet File System (SAMBA))	1.2-ECO1C
COBOL	3.1-7
CSWS (Secure Web Server (Apache))	2.2-1L
CSWS (Secure Web Server (Apache))	2.4-38C
CSWS_JAVA (Tomcat)	8.5-50A
CSWS_PHP	5.2-17A
cURL and libcURL	7.65-0C
DCE (Distributed Computing Environment)	3.2A
DCPS (DECprint Supervisor)	2.8
DECdfs (Distributed File Service)	2.5
DECforms (DEV, RT)	4.2
DECnet Plus	8.4-K
DECnet Plus - FTAM	4.1-B
DECnet Plus - OSAK	3.0-X

Layered Product Name	Version
DECnet Plus - VT	3.0-L
DECset	12.9-1
DECset - CMS (Code Management System)	4.8-5
DECset - DTM (Digital Test Manager)	4.5
DECset - ENVMGR (Environment Manager)	1.9
DECset - LSE (Language-Sensitive Editor)	5.3
DECset - MMS (Module Management System)	4.0
DECset - PCA (Performance and Coverage Analyzer)	5.1
DECset - SCA (Source Code Analyzer)	5.2
DECwindows Motif	1.7E
DFG/DFO (Disk File Optimizer)	3.3
DQS (Distributed Queueing Service)	1.4-1
DTR (Datatrieve)	7.4-1
Enterprise Directory (X.500) (Admin, Server)	5.8
FMS (Forms Management System) (DEV, RT)	2.6
FORTRAN	8.3-3-1
Gearman	1.1-17 (Beta)
GKS, GKSRT	7.3
GNUplot	5.0-2
GNV	3.0-2
gSOAP	2.8.32
HAProxy	1.7.9 (Beta)
HPBINARYCHECKER	1.2-2

Layered Product Name	Version
Kerberos	3.2-260
LibMariaDB for OpenVMS I64 (MariaDB C client API to OpenVMS)	2.1-0A
LIBPQ PostgreSQL client API	11.0-0B
LibRdKafka API (Apache Kafka API)	1.3-1
Lua	5.3-5
MariaDB for OpenVMS I64	5.5-63
Maven	3.3-9
Mosquitto MQTT Broker	1.6-2
MRU (Media Robot Utility)	1.9
MSAI (Migration Software for Alpha to Integrity)	3.2
Notary	2.0
OMNIAPI (OMNI API)	4.1
OpenLDAP for OpenVMS (client and server)	2.4.47
OSH1 (OSAP H1)	4.1
Paho-C MQTT Client API	V1.3-0
Pascal	6.2
Perl	5.30.1
PHP	5.6-10J
Python	3.5 (Beta release)
RabbitMQ C client API (LibRabbitMQ)	2.6-0
Redis	4.0.0 Beta
RTR (Reliable Transaction Router)	5.3
RUBY	2.2-2I
Samba	4.6-5E
Scala	2.11.8
SSL (Secure Socket Layer)	1.4-503
SSL1 (Secure Socket Layer)	1.0-2U
SSL111 (Secure Socket Layer)	1.1-1G
SSM (Save Set Manager)	1.9-1
SVN (Subversion)	1.8-13
SWIG (Simplified Wrapper and Interface Generator)	3.0-5
T4 (Total Time Tracking Tool)	4.4D

Layered Product Name	Version
TCP/IP Services	5.7-13ECO5F
TCP/IP Services SSH	5.7 ECO5D
TDC_RT (The Performance Data Collector RT)	2.3-1220a
TDMS (Terminal Data Management System) (DEV, RT)	2.1-1
UDDI Client Toolkit	1.0-B
VGIT	0.9-9
VMSI18N (C/C++ I18N) (I18N Internationalization Data Kit)	8.4-2
VSI Japanese OpenVMS (JVMS)	8.4-2
VSI OpenVMS Japanese DECforms (DEV, RT)	4.2
VSI OpenVMS Japanese DECprint Supervisor (DCPS)	2.8
VSI OpenVMS Japanese DECwindows Motif	1.7E
VSI OpenVMS Japanese FMS (DEV, RT)	2.6
VSI TCPIP	10.6
WBEM Providers	2.2-5D
WBEM Services	3.0E180118
WSIT (Web Svc Integration Tools) (supports Java™ 6)	3.4-1
WSIT (Web Svc Integration Tools)(supports Java™ 8)	3.4-2
X.25	2.1
XML_C (XML Technology (XML-C++))	3.0-1-1
XML_JAVA (XML Technology (XML-Java[TM])	4.0-1
Xpdf Viewer for OpenVMS	3.0-4B
XTM	1.0
Zero MQ	4.1-2

What can VSI PS do for you?

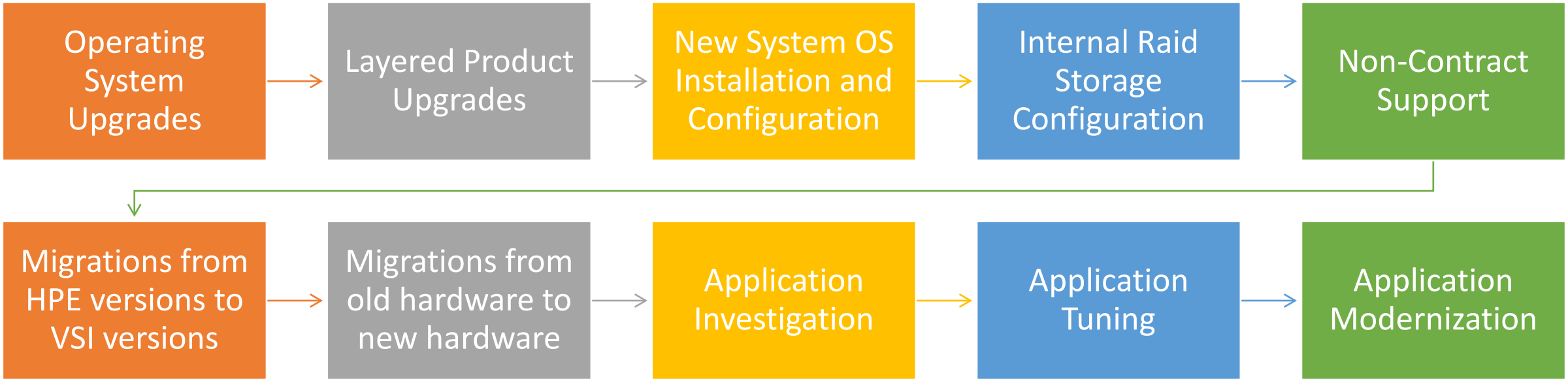
Consulting Services
Standard and competitive T&M rates to engage as needed

Application Services
Whether you are having issues with an existing application, seeking other application options or looking to better integrate with existing applications

Managed Services
We offer many tiers of managed services to do anything from augment your staff all the way to run/manage your systems

Discovery Services
If you have recently inherited systems or just trying to understand the scope of your environment, we have tools and services that go through your environment and develop a “Run Book”

Consulting Services T&M



Managed Services “Light”

FOR CUSTOMERS THAT JUST NEED ACCESS TO L2 LEVEL RESOURCES ON DEMAND

AUGMENT YOUR STAFF BY HAVING ACCESS TO SUBJECT MATTER EXPERTS

HAVE AN L2 SUPPORT ENGINEER ASSIST YOU WITH PROBLEM RESOLUTION

CAN BE SOLD IN 10 HOUR PER MONTH INCREMENTS

ELIMINATES DELAYS IN PAPERWORK

NO MONTHLY REPORTING

Managed Services Tier 2

THIS TIER IS DESIGNED TO ENHANCE YOUR PRESENT STAFFING BY PROVIDING TOOLS AND SERVICES TO MONITOR AND MAINTAIN YOUR DAILY OPERATIONS

DIRECT ACCESS TO AN OPENVMS EXPERT IN THE AREA OF HELP YOU NEED

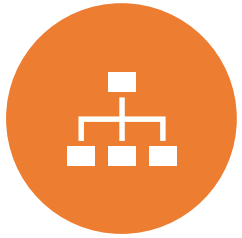
IN THIS SOLUTION, WE WORK WITH YOUR TEAM TO DETERMINE WHAT IS IMPORTANT TO YOUR COMPANY AND PROVIDE A MONITORING OF THESE ACTIVITIES TO MEET THOSE NEEDS.

THIS MONITORING IS FULLY AUTOMATED USING VSI PROPRIETARY TOOL SETS THAT EMAIL YOU ALERTS WHEN THRESHOLDS ARE REACHED.

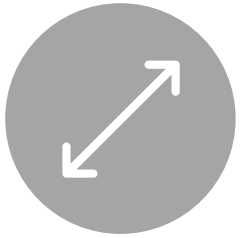
WITH THE INFORMATION WE GATHER, WE CAN ADVISE ON ISSUES IN MANY CASES BEFORE THEY BECOME PROBLEMS AND BE BETTER PREPARED TO PROVIDE SOLUTIONS

WE PROVIDE QUARTERLY REPORTS WITH THIS TIER

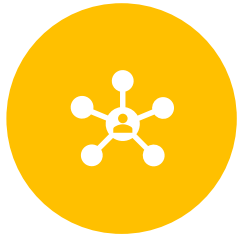
Managed Services Tier 3



THIS TIER INCLUDES EVERYTHING FROM TIER2 AND MORE



THIS TIER IS DESIGNED TO FULFILL MANY ACTIVITIES THAT A SYSTEM MANAGER WOULD DO FOR YOU. THESE WOULD INCLUDE THINGS LIKE ADDING/REMOVING USERS, MANAGING DISK SPACE, CHECKING ON JOB COMPLETION STATUS AS WELL AS SUGGESTING CHANGES TO IMPROVE THE RUNNING OF JOBS AND THE SYSTEM



WORKING WITH STAKEHOLDERS TO PROVIDE EXPERT OPENVMS ADVISE ON FUTURE CHANGES AND HOW THEY CAN IMPACT YOU.

HELP PROVIDING FUTURE DIRECTION BY ADVISING HOW YOU CAN TAKE ADVANTAGE OF MODERNIZATION EFFORTS IN OPENVMS TO STREAMLINE YOUR APPLICATIONS.

WE PROVIDE MONTHLY REPORTING WITH THIS TIER

Application Services

Integration Services

We can help you to design and build interfaces between your OpenVMS application environment and other systems, leveraging both commercial and open source integration technologies

Application Modernization

It is often possible to enhance and modernize existing OpenVMS-based applications through the introduction of new software technologies

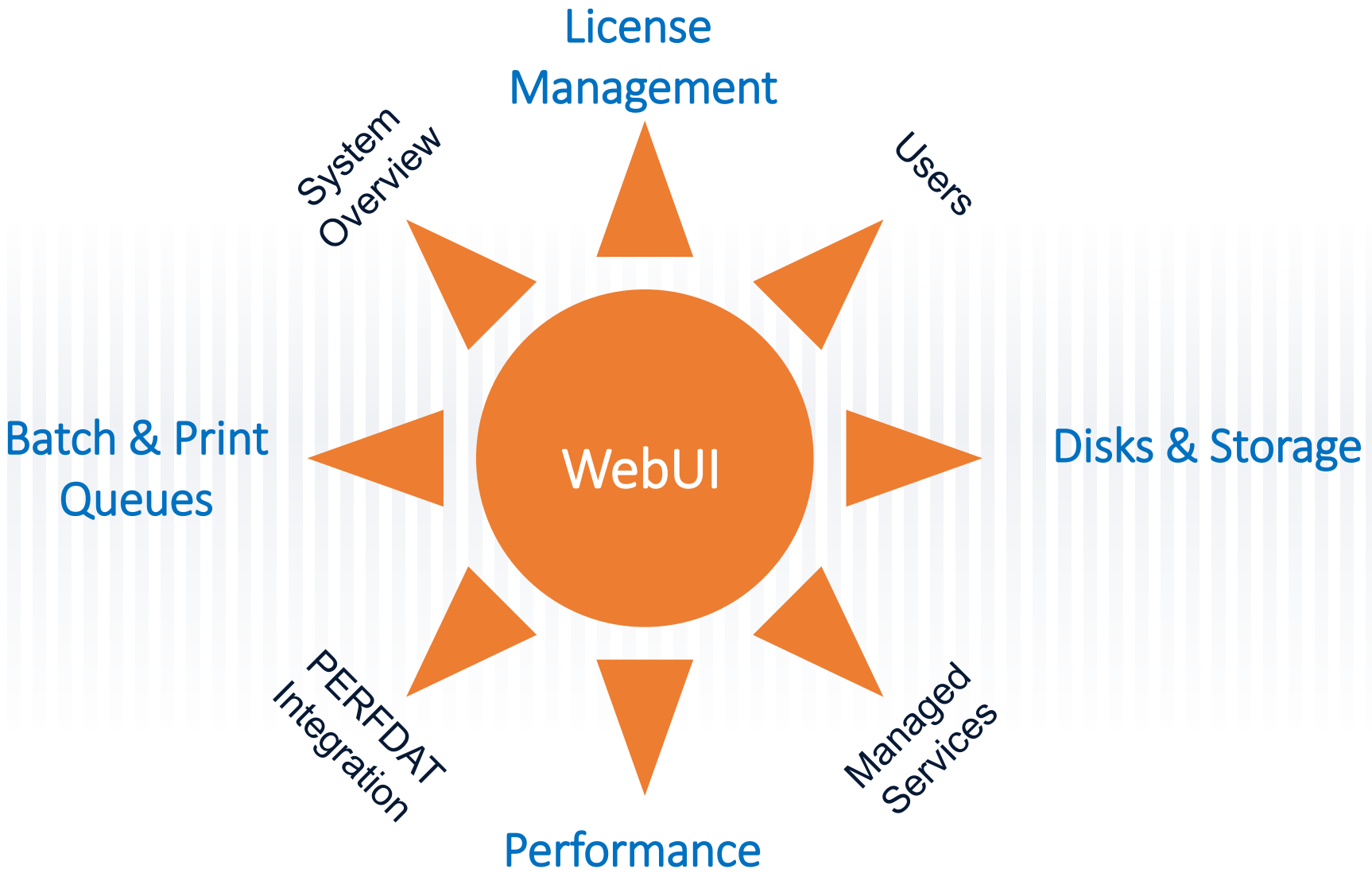
Application Maintenance and Support

Many OpenVMS users with large custom-written applications no longer have sufficient software development expertise in-house to maintain and support these applications and can find it difficult or expensive to find suitably skilled developers or service providers

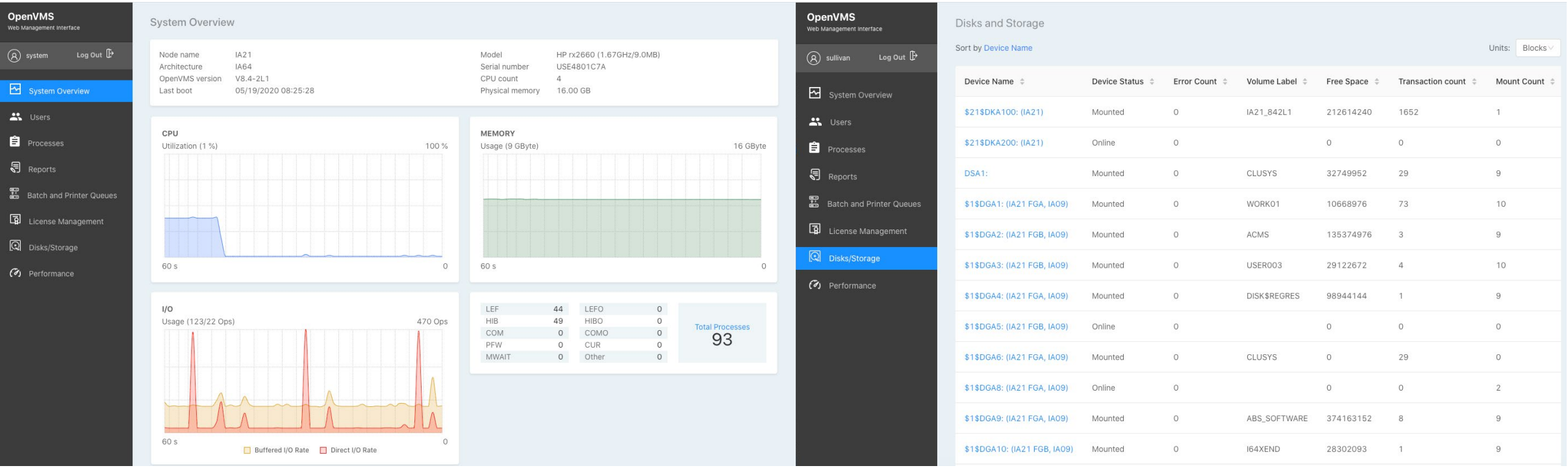
Application Review Services

Regardless of whether you are considering moving to OpenVMS on x86-64 in the future or staying with your existing VAX, Alpha, or Itanium platforms, it is important to have a top-to-bottom understanding of your application environment

Introducing OpenVMS WebUI



Screenshots of WebUI Interface



Device Name	Device Status	Error Count	Volume Label	Free Space	Transaction count	Mount Count
21DKA100: (IA21)	Mounted	0	IA21_842L1	212614240	1652	1
21DKA200: (IA21)	Online	0		0	0	0
DSA1:	Mounted	0	CLUSYS	32749952	29	9
1DGA1: (IA21 FGA, IA09)	Mounted	0	WORK01	10668976	73	10
1DGA2: (IA21 FGB, IA09)	Mounted	0	ACMS	135374976	3	9
1DGA3: (IA21 FGB, IA09)	Mounted	0	USER003	29122672	4	10
1DGA4: (IA21 FGA, IA09)	Mounted	0	DISK$REGRES	98944144	1	9
1DGA5: (IA21 FGB, IA09)	Online	0		0	0	0
1DGA6: (IA21 FGA, IA09)	Mounted	0	CLUSYS	0	29	0
1DGA8: (IA21 FGA, IA09)	Online	0		0	0	2
1DGA9: (IA21 FGA, IA09)	Mounted	0	ABS_SOFTWARE	374163152	8	9
1DGA10: (IA21 FGB, IA09)	Mounted	0	I64XEND	28302093	1	9

Using VSI's new WebUI Interface, you can perform hundreds of tasks as well as integrate with PERFDAT to view important data on a single pane of glass in an easy to view web GUI.

PERFDAT

VSI acquired from HPE in January, 2019

- Bolt-On Strategy
- SaaS Model
- New VSI Customers

- An integrated performance monitoring, management and capacity planning solution for OpenVMS

- Available as a standalone product for your OpenVMS environment

Key Features and Benefits

- Performance Lifecycle Management
- Benchmarking *Stress Testing
- System Sizing *Tuning
- Troubleshooting *Validate Performance Changes
- Capacity Analysis *Powerful Alert Monitoring
- Complete Performance Information
- Allows Management Systems Performance
- Provides Trend Analysis and Performance Prediction
- Performance Data Management and Analysis

- Supported Environments
- OpenVMS Alpha V7.2-2 and higher
- OpenVMS IA64 V8.2 and higher

VSI Professional Services

Installation & Migration Services

Managed Services

WebUI

Application Modernization

Thank You

To learn more please contact us:

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www.vmssoftware.com