



Better Performance Management

Get serious with SAP
and take our
**Go Live in a Day
Challenge™**
with SAP BPC

Contents

- 1 Enterprise Performance Management
- 2 SAP Software
 - SAP BPC
 - SAP HANA
- 3 Solutions as a Service
 - BPC Cloud
 - HANA Cloud
- 4 Hardware and Infrastructure
- 5 Managed Cloud Services from Opal Wave
- 6 Performance Stress Testing
- 7 Services

About

Opal Wave are leaders and pioneers in delivering better Enterprise Performance Management solutions including being the only specialist BPC and HANA VAR for SAP in the UK and the first SAP Partner globally to qualify as a Partner Managed Cloud partner for SAP for SAP BPC and SAP HANA.

- + Leading specialist EPM solution vendor
- + Unrivalled expertise in delivering planning and reporting solutions
- + Comprehensive capability from strategy to execution

SAP® Recognized Expertise
in Enterprise Performance Management

SAP® Certified
Partner Center of Expertise



1 Enterprise Performance Management

EPM is a set of software capabilities that supports the creation, management and end-to-end delivery of financial and business information processes.

These include:

- + Planning, Budgeting and Forecasting
- + Statutory and Management Consolidations
- + Reporting
- + Business Intelligence
- + Predictive Analytics
- + Dashboards

2 SAP Software

SAP BPC

SAP BPC helps finance professionals, empowering them with the ability to rapidly collect, transform, report and analyse data without the need to create and maintain complex, time consuming and error prone spreadsheets. SAP BPC automates a company's financial and management reporting processes.

It guides users and allows dynamic analysis to take place, using common reporting interfaces, such as Microsoft Excel, Word and PowerPoint as well as the web.

SAP BPC also manages data and integrations with your source systems.

What advantages does SAP BPC deliver?

SAP BPC enables businesses, large and small, to have better visibility on:

- + How they have performed
- + How they are performing
- + How they will perform in the future

SAP HANA

The SAP High Performance Analytic Appliance (SAP HANA) is today's most advanced in-memory database management system. It allows organisations to operate in real time and make better decisions.

What are SAP HANA's key benefits?

A comprehensive, single, powerful platform deployable on-premise or in the cloud, SAP HANA accelerates business processes, delivers more intelligence and simplifies IT environments, removing the need to maintain separate legacy systems and siloed data.

Advantages of SAP HANA include:

- + Reduced complexity. It processes transactions and analyses huge amounts of live data at high speeds, while reducing redundancy, footprint, hardware and IT operations
- + Versatility. Deployment options include public or private cloud, tailored datacentre or certified appliance configurations from our recommended partner Huawei, the leading global information and communications technology solutions provider
- + Real payback. Some companies have seen a 575 per cent five-year return on investment by using HANA to increase innovation and decrease data management costs

3 Solutions as a Service

As SAP's only Partner Managed Cloud partner for SAP BPC and SAP HANA Opal Wave are qualified to deliver your entire BPC or HANA solution as a service – with no restrictions and no need for long term commitments, hardware purchases or large scale projects, you can get started immediately and be delivering value to your business in days.

BPC Cloud

Opal Wave has brought the market leading SAP BPC technology, powered by SAP HANA to the market as a pure cloud Software-as-a-Service [SaaS] solution.

Uniquely available from Opal Wave, the BPC Cloud solution enables businesses to deploy SAP BPC with unprecedented speed, zero hardware investment and minimal effort using our fully functional templated content so you are able to **'Go Live in a Day'** with a productive system.

HANA Cloud

Our HANA Cloud offers you SAP HANA as a Service enabling you to develop and deploy your own applications without the requirement of maintaining or investing in on-premises infrastructure.

With comprehensive application development services and capabilities that allows you to collect, manage and analyze information of all types, extend and connect to your business systems, and to innovate new solutions that allow your business to achieve better performance. It enables you to integrate and optimise your business systems and accelerate your digital transformation.





4 Hardware and Infrastructure

Opal Wave is fully authorised to sell, install and maintain the world's top appliances for SAP HANA, the world's leading in-memory database management system. These appliances are made by Huawei, the leading global information and communications technology solutions provider. We provide a single point-of-contact and all our work is undertaken by SAP-certified technicians.

Overview of the solutions: Huawei's SAP HANA appliances include both single node and scale out:

Single node

The SAP HANA appliance single-node solution uses Huawei RH5885H V3 four-socket or RH8100 V3 eight-socket high-performance rack servers, containing Intel Xeon processors. The RH series combines top density with great power, allowing customers to capture all business information in a single system, which can handle virtually any need.

Scale out

This uses Huawei's FusionCube server and a distributed storage application. FusionCube complies with open architecture standards, and integrates computing via blade servers, distributed storage, network switches, management software and cloud management.

FusionCube:

- + Supports 10 GE 56 gigabit-per-second InfiniBand switches and meets HANA memory real-time computing storage and high-speed network switching requirements.
- + Supports a simple auto-discovery management system that expands the cloud
- + Handles virtualisation, without the need to re-plan or re-architect the system, through its scale-out cluster architecture. This can be converged, to optimise enterprise applications and help accelerate decision-making, or conventional, which is scalable and can minimise initial investment

Datacentre

The Huawei SAP HANA appliance datacentre integration solution can be tailored to individual needs. It offers:

- + A flexible combination of SAP HANA-certified FusionServers and OceanStor enterprise storage devices
- + Dynamic memory scalability from 512 gigabits to 64 terabytes in cluster mode
- + Customized SAP HANA cluster solutions

Huawei FusionServer:

- + Combines the benefits of rack and blade servers
- + Provides the industry's best SAP HANA memory density
- + Uses unique, individually swappable dual in-line memory modules

Huawei OceanStor unified storage:

- + Has SSDs that optimise log volume input/output operations per second performance
- + Unifies storage area network and network-attached storage service, Hybrid SSD and serial attached small computer system interface disks, to meet HANA requirements for log, data, and share volumes

5 Managed Cloud Services from Opal Wave

In addition to the Partner Managed Cloud services, Opal Wave also offers Managed Cloud Solutions delivered from ISO/IEC accredited datacentres for any of your SAP or other needs.

Our Managed Cloud service is architected to work perfectly as the platform for your EPM and BI solutions. Whether you need an interim solution for a project or a platform for your mission critical systems, we can deliver what you need and when you need it

We partner with leading vendors to deliver flexible, scalable, performant and secure platform services including Microsoft and Linux for Operating systems and other components, Citrix and vmware for managed desktop services as well as KeyIdentity and Sophos for security.



TAKE YOUR DATA
WORK HARDER
FOR YOU

6 Performance Stress Testing

Stress testing simulates load-related demands on software or computer devices and measures responses, to determine their behaviour under anticipated normal and peak operating conditions. Its aim is to identify any problems these demands might prompt – such as unacceptably slow response times – and remedy their causes before they become apparent in practice.

Depending on customer circumstances and preferences, stress testing can even involve deliberately crashing a system, to see how well it recovers.

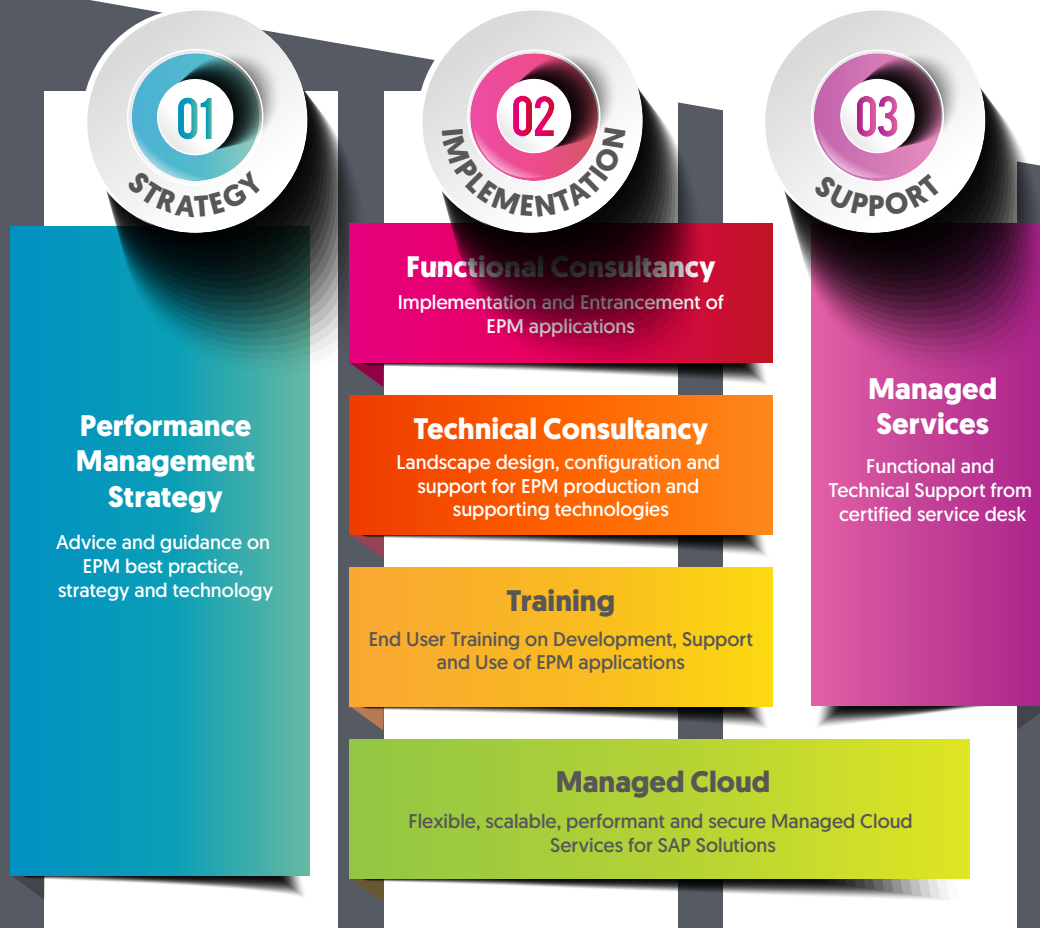
Stress testing normally takes place at key stages, such as after an application has been developed but is not yet deployed or you add significant numbers of new users or migrate to newer versions of software or operating systems.

Professional stress testing allows us and our customers to:

- + Identify any critical load-related issues, arising from causes such as:
 - + Clients
 - + Application servers
 - + Databases
 - + Networks
- + Understand and, where necessary, remediate system performance, in terms of:
 - + Application design
 - + Application build
 - + Infrastructure configuration
 - + Infrastructure capacity
 - + User behaviour

7 Services

Our consulting services deliver assured success



Implementation Consulting

For all of your application, technical implementation and deployment needs, Opal Wave consultants are recognised as the best there are for SAP BPC and SAP HANA solutions.

Our application consultants offer the following services:

- + Requirements Analysis
- + Design workshops and documentation
- + Application development
- + Testing and test strategies
- + Remediation and performance improvement services

Our technical consultants offer the following services:

- + Technical planning
- + Server sizing, specification and commissioning
- + Network configuration
- + Performance tuning
- + Backup and disaster recovery

Support and Maintenance

If you need software maintenance, enhanced application support or even a fully managed service, our dedicated team of support consultants address all of the functional and technical needs for SAP BPC, SAP HANA and all the supporting technologies. You know when you work with Opal Wave that you have one number and you'll never be left wondering who you need to call.

- + VAR Maintenance
- + Enhanced Application and Technical Support
- + Fully Managed Service

Our support team delivers high quality services to our customers around the world with operating cover spanning Asia through UK and US service hours.

Training

Opal Wave specialises in both creating and delivering effective training solutions for SAP BPC and supporting technologies:

- + Courses can be customised to your specific requirements – or choose from a range of Opal Wave authored courses
- + Classroom training delivered from our training centres in the UK or Middle East
- + Customer dedicated classroom training delivered from your premises using the Opal Wave cloud
- + Video/CBT suite of training options for SAP BPC, which include complimentary introductory videos which can be watched on the Opal Wave YouTube channel

Our training options are delivered using experienced and certified consultants

- + We deliver SAP BPC training on behalf of SAP Education

UK

20 St Dunstan's Hill, **London** EC3R 8HL

☎ +44 [0] 2030 789 389

City Hub, 9 - 11 Peckover Street, **Bradford** BD1 5BD

☎ +44 [0] 1274 800 456

Middle East

Residence les 2 Palmiers, Rue Cardinal Sayegh,
El Qalaa, Sin El Fil, **Lebanon**

☎ +961 [0] 1 493 566

opalwave.com

Offices

+London
+Bradford
+Stockholm
+Dublin
+Beirut

