SAP Cloud Platform: why consider ABAP?

In the current business world, companies started to integrate new applications and systems with greater flexibility and accessibility thanks to the [SAP Cloud Platform](#), which allows teams to deploy groundbreaking technologies within a single platform, without major impact on the business operations. Moreover, its benefits are visible in the long run thanks to its potential for continuous adaptation to the latest trends in the industry, and it has also proved to be useful in delivering high-quality solutions to the end customers.

The real advantage of SAP is that it allows businesses to have a competitive advantage thanks to the large number of tools that they can integrate to obtain quicker results, through flexible processes and advanced technologies.

One of the tools that SAP provides to businesses using it is ABAP, which means Advanced Business Application Programming. This article will offer you a brief introduction to this tool, providing a better understanding of its features and potential.

What is ABAP all about?

If you are a newbie to SAP Cloud Platform, [what you need to know about ABAP](#) is that it is a programming language, used for developing applications and programs for various business processes such as reports, interfaces, data conversions, and forms.

ABAP represents a big step forward because of its unique features. For the first time, SAP developers can build and run ABAP code in the Cloud from anywhere in this world. Even if it might seem a bit difficult due to the differences between ABAP on-premise and ABAP for Cloud instances, it gets easier once a company starts experimenting. Moreover, a big advantage comes up with the fact that upgrades apply now to the entire ABAP Platform, and businesses don't have to

run those small tasks that were necessary after each update. SAP is sending and managing all the updates for its tools so that companies can dedicate that time to technical and other critical actions in the Cloud.

Some features available in ABAP

Beginning with its launch in 2017, ABAP had continuously upgraded itself, leading to increased efficiency and a better experience in applications development. They are also integrating optimized tools for SAP Fiori and [SAP Hana](#).
To start with, let's see some [key features](#) that make ABAP such a valuable tool for businesses:

- **New ABAP language elements**, which allows companies to combine more table elements from their internal system, turning it into one source of truth.

- **Database-centric optimization,** which provides the possibility to interconnect several SAP technologies, saving valuable time from transferring information from one system to another.

- **RESTful ABAP Programming Model** - a feature that allows managing the drafts better and improves the supportability for SAP Hana technology

- **ABAP development tools** - which relate to database tables by providing enhancements within the app.

What can ABAP do for your company?

As you have already noticed, the features of ABAP can ease many processes in the Cloud. Let's have a look at some of the benefits that you can leverage when using this platform:

- Organizations can create new apps and let their customers examine the SAP system extensions and evolve within the Cloud, while using other services such as Machine Learning.

- Companies can transfer the extensions of on-premise ABAP to the Cloud, and manage them from there, being able to customize the codes according to their specific needs. This is an excellent opportunity to learn about new features and upskill the overall SAP knowledge.

- Any business can think of ABAP as to an opportunity to share and collect experience from other users who are not necessarily part of the company, but from which the company can obtain valuable insights and answer to long-lasting challenges.

- ABAP for Cloud was developed to reduce the time needed to manage the on-premise solutions, while also providing a usual programming language. However, the difference is that it can be easily integrated to allow access from anywhere, at any time. Note that Cloud solutions have some of the strictest security compliance policies, which means your data is safe, regardless of the level of sensitivity.

In the fast-paced technological world, businesses need to keep up with the constant development to remain competitive, and SAP offers them all the tools they need to provide enhanced experiences to their customers. Even more, the various tools and programs available in SAP Cloud Platform are offering endless development possibilities to any business. As highlighted above, ABAP is a great example, and it has proven to be a handy tool that organizations can integrate into their systems, and once they get used to the Cloud platform, they will start experiencing all the benefits brought by this tool.

Want to find out more about SAP Cloud Platform and SAP ABAP? Get in touch with our SAP-certified experts.