

A man in a suit is shown in profile, resting his chin on his hand in a thoughtful pose. His silhouette is filled with a vibrant cityscape, likely New York City, with numerous skyscrapers and buildings. The lighting is warm, suggesting a sunrise or sunset, with a gradient from orange to blue.

OVERCOMING THE CHALLENGES WITH FIORI DIGITALIZATION

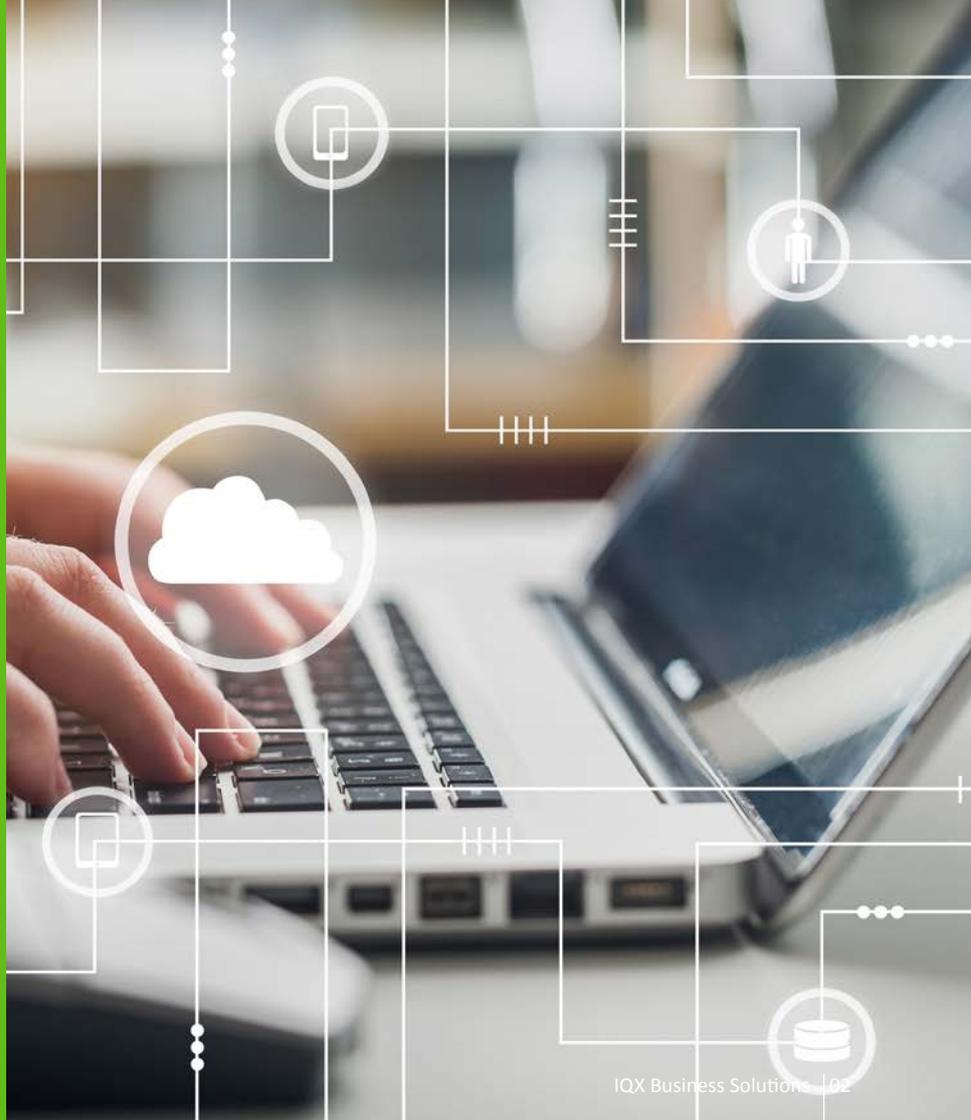
How your ABAP
developers and SAP
Functional consultants
can be the driving
force to sustainable
Fiori apps and
digitalization.



SAP Fiori provides a great platform for IT to provide digital support to real world processes.

But to really move beyond simple digitization of current processes and achieve the potential benefits of more radical digitalization, Fiori requires additional capabilities that will result in a lot of time consuming and manual development for every app that is built.

The ability to rapidly design application layouts, automatically store and provision your data, configure workflow and provide reporting and analytics are often overlooked when designing even the simplest of Fiori apps.



“ Companies can do much more to gain value from investments they have already made, even as they envision radically new ways of working. ”

DIGITAL TRANSFORMATION: A ROADMAP FOR BILLION-DOLLAR ORGANIZATIONS - The MIT center for digital business and Capgemini Consulting



Fiori is the future
SAP UI/UX and you
can benefit from Fiori
today even with your
existing ECC system
(Netweaver 7.01+)

The Fiori App Library now contains over 11k applications but are mainly targeted at S/4 HANA implementations. Installing these on ECC systems have a number of prerequisites (Support Package Stacks / Enhancement Packs) that often prevent them from being installed as easily as they are marketed as. Many of these apps are simplified and designed to suit all organizations. True digitalization that generates value for your business will typically require a lot of changes and customizations to truly align to your internal processes.



Key **obstacles** stopping rapid adoption of SAP Fiori as the digital transformation platform



- #1** Availability of experienced SAPUI5 and workflow development consultants
- #2** Dependency on your S4/HANA upgrade to even get started
- #3** The substantial amount of manual development required to radically digitalize your business processes
- #4** Underwhelming first experiences of SAP Fiori due to unsuitable generic standard apps or high-cost custom app development

Although Fiori isn't a development language, it uses new skills that you may not have within your resource pool yet.

THE ONE CRUCIAL SKILL IS ABAP

ABAP developers aren't just about the syntax of ABAP anymore. They know a lot about the different functional areas about SAP and the processes that run your business efficiently. Depending on your organization, you may have to introduce new teams of front end developers that will work hand in hand with your ABAP team. Multiple teams with different skill sets can introduce new costs and delays into your development process.

	HTML5 – Web Page Design
	CSS3 – Styling
	JavaScript – For implementing functionality
	jQuery – Library for accelerating JavaScript development
	SAPUI5 – Responsive enabled control library with data binding
	OData Services – Gateway services that provide data interaction
	SAP ABAP – The code used by the services to read/write data from SAP

Developing Custom Fiori Apps is harder than some consulting companies make out

We've talked about skill requirements but more needs to be considered when developing custom Fiori apps, here's a checklist for a basic Fiori application:

FIORİ DEVELOPMENT CHECKLIST

- 1 Create tables for data storage
- 2 Create OData services for CRUD operations
- 3 Create OData services for search helps (F4)
- 4 Create UI and logic to execute search helps
- 5 Create OData services for server side actions (e.g. Validation)
- 6 Build pages (MVC) using XML or WebIDE layout designer

CONSIDER OTHER FEATURES

- **Collaborative Data Entry**
Often, a single business process can span multiple users and roles requiring an interim (staging) data store where the data resides during the individual interactions before it gets posted into the SAP transactions.
- **Approval Workflow**
To provide control and governance over your processes, an approval workflow needs to be configured and integrated with the Fiori application.

continued...



Crucial features are not always easy to implement in your Fiori apps

- **Full Audit Trail**
Visibility into exactly who provided information as well as the individual changes throughout the process are typical requirements of any business process.
- **Cross Application Request List**
Your application is done but what about giving your users a record of what they submitted, where it is in the approval workflow, or what is currently waiting approval?
- **Excel Integration**
Fiori enhances the UX of your solutions but that shouldn't mean that you force them to re-enter data manually when they already use Excel today.
- **Process Analytics**
Understanding how and when your applications are used as well as the bottlenecks in your approval flow are typically only thought of well after the app goes into production. This should be a standard capability for each of the apps you want to build.
- **Save as Draft Capability**
Large processes may require draft capabilities to allow users to work on the data when they can and have that stored securely until they are complete and ready to submit.
- **Attachments**
Capturing supporting documentation or your business process is crucial and not always an easy thing to implement in each of your Fiori apps.



Why your ABAP developers and SAP Functional consultants are your driving force to sustainable Fiori apps and digitalization.

ENABLING YOUR CURRENT RESOURCES

ABAP developers and SAP Functional Analyst are the people that know the SAP objects, data model and process the best. In fact, they know your business the best.

“Enabling” these people to be the driving force behind digital transformation is an attractive option. Not only could they sustain delivery of

Fiori Apps by building new and easily maintainable apps. They could deliver these results without the need to add new hires for needed skill sets to your organisation.

This desire to empower and train the current set of developers and radically transform them into “Fiori” developers led to the genesis of IQX AppBuilder for SAP Fiori (FAB).



IQX AppBuilder for SAP Fiori builds on all the existing benefits of SAP and Fiori

With our SAP-certified IQX AppBuilder for SAP Fiori (FAB) solution, we believe we have built on all the existing benefits of SAP and Fiori and addressed the most common obstacles and challenges:

1. With FAB, your ABAP'ers and SAP Functional specialists are empowered to create Fiori Apps easily. With FAB, your team is able to deliver mobile-responsive Fiori apps today, applying existing technical skills, whilst enhancing their web-development expertise over time. This enablement of SAP-experienced resources to create your digital solutions eliminates the typical communication

gaps and overheads of alternative outside-in approaches.

2. FAB is deployed as an Add-on directly into your existing SAP ERP system to allow you to get started today, and seamlessly transition to an S/4HANA future. Produced apps can be hosted on your embedded gateway, hub gateway system or directly on the SAP Cloud Platform. Most importantly, business users will become familiar with the potential of SAP Fiori early in addressing their pressing business needs. When it comes to funding future SAP technology upgrades, your users will be firmly on your side.



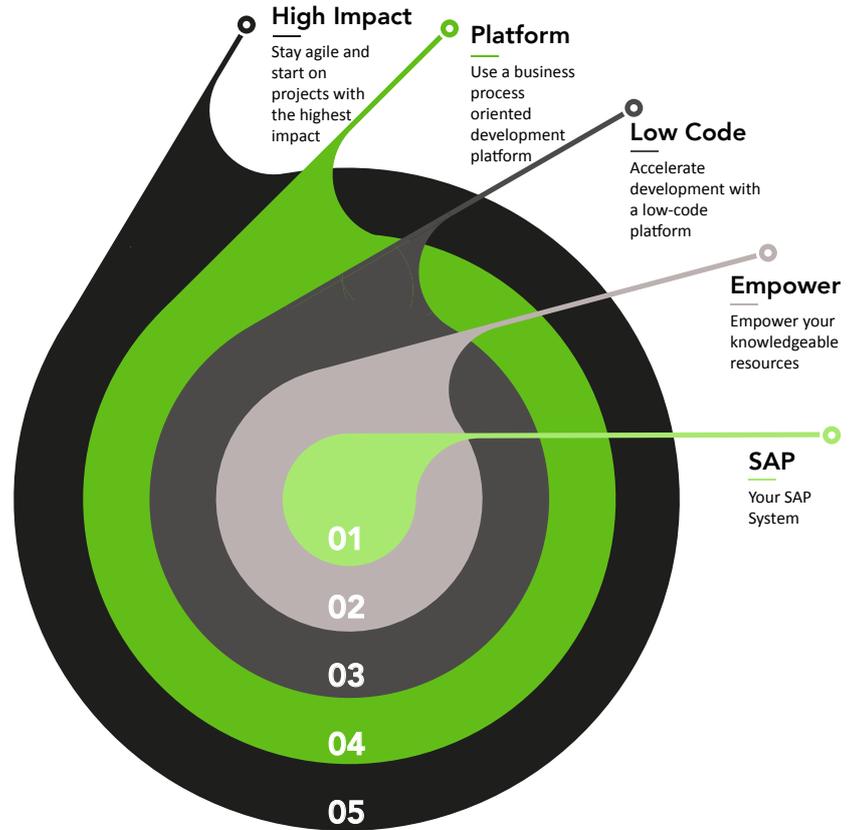
3. FAB extends the core capabilities of SAP Fiori by adding flexible data staging, workflow orchestration and process administration capabilities in one integrated development environment. By leveraging these platform capabilities, you are able to deliver sophisticated transformational business process solutions in a fraction of the time of traditional development techniques. Due to the low-code development, users see what they're getting as their requirements emerge in a truly agile fashion, ensuring that the business objectives are effectively addressed within accelerated timeframes. Less coding also means less errors, so higher quality solutions are delivered

at expedited deployment scale and pace.

Utilizing FAB, customers are accelerating and controlling their business critical processes like customer engagement, supply chain fulfilment, innovation and new product introduction rapidly and self-sufficiently.

IQX AppBuilder for SAP Fiori empowers your internal team to leverage your existing SAP infrastructure to deliver engaging core business process solutions quickly and cost effectively, to help make SAP great again in the eyes of your business user and sponsors.

How to start today with low-risk entry to Digitalization with SAP Fiori





We extend
SAP Fiori to be
your digitalization
platform.



www.iqxbusiness.com



sales@iqxbusiness.com