HOW **FACTORY MODEL** HELPS TO ONBOARD LARGE NUMBER OF APPLICATIONS IN A SCALABLE AND FASTER MANNER?

Enterprises are increasingly facing application integration challenges with dynamic changes in their business requirements and IT ecosystem. With organizations focusing on implementing diverse applications for their varied needs, they are also prioritizing faster turn-around time and efficient integration systems. The challenge is to create an agile app onboarding process while maintaining the essential security posture, especially while integrating a large number of apps. Leveraging the factory model approach to onboard multiple apps could ensure the successful integration of applications within a proven and repeatable framework.

The basic premise of factor model is creating a framework for onboarding applications with a factory approach for more efficient and agile integration process.

What is a factory model?

Largely used in manufacturing assembly lines, the factory model approach is being increasingly applied in the software development process too, particularly in DevOps. Such a model focuses on creating a software development process that is massively scalable and standardized. At Avancer, we have extended the factory model approach to creating a proven, cost-effective, and agile process for onboarding a large number of applications for our clients. We have developed a set of resources to quickly and constantly onboard applications by collaborating with the internal client team to understand their requirements, and implement applications through our automated process, influenced by the factory model approach. Such a standardized process ensures that a consistent and wider on-boarding of application could be undertaken, thereby, providing the entire process at a lower cost, with reduced effort and quicker turnaround time.

Why does Factory Model work?

At its core, the factor model helps to scale up the process of onboarding a large number of applications across numerous functions and domains. It enables companies to initiate digital transformation in a faster and efficient manner, along with reducing implementation costs. Further, such a technique helps in onboarding applications reliably, accelerating deployment, while improving access to data and providing significant functionalities.
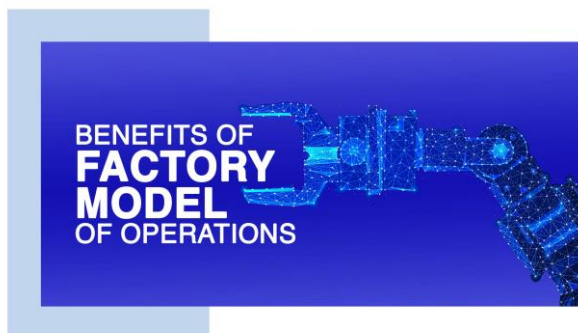
How does Factory Model work?

The basic premise of this model is creating a framework for onboarding applications with a factory approach for a more efficient and agile integration process. This model uses the following process flow:

- Create an integration plan for designing, building, and testing the integration process effectively and predictably.
- Define metrics and standardized processes to help integrate applications across all the domains in an enterprise.
- Deploy process that is proven over time for being highly reliable and cost-effective.
- Provide support to the internal client team with various skillsets and resources.

What are the benefits of the Factory Model?

BENEFITS OF **FACTORY MODEL** OF OPERATIONS

Implementation of factory model ensures developing comprehensive expertise and deep knowledge about the subject matter. Further, focusing on the process repeatedly warrants the resources are more productive, effective, and responsible for the entire onboarding process, thus making the operation much more efficient.

At Avancer, we synthesize leading industry trends and best-in-class solutions to onboard many applications within a set deadline.
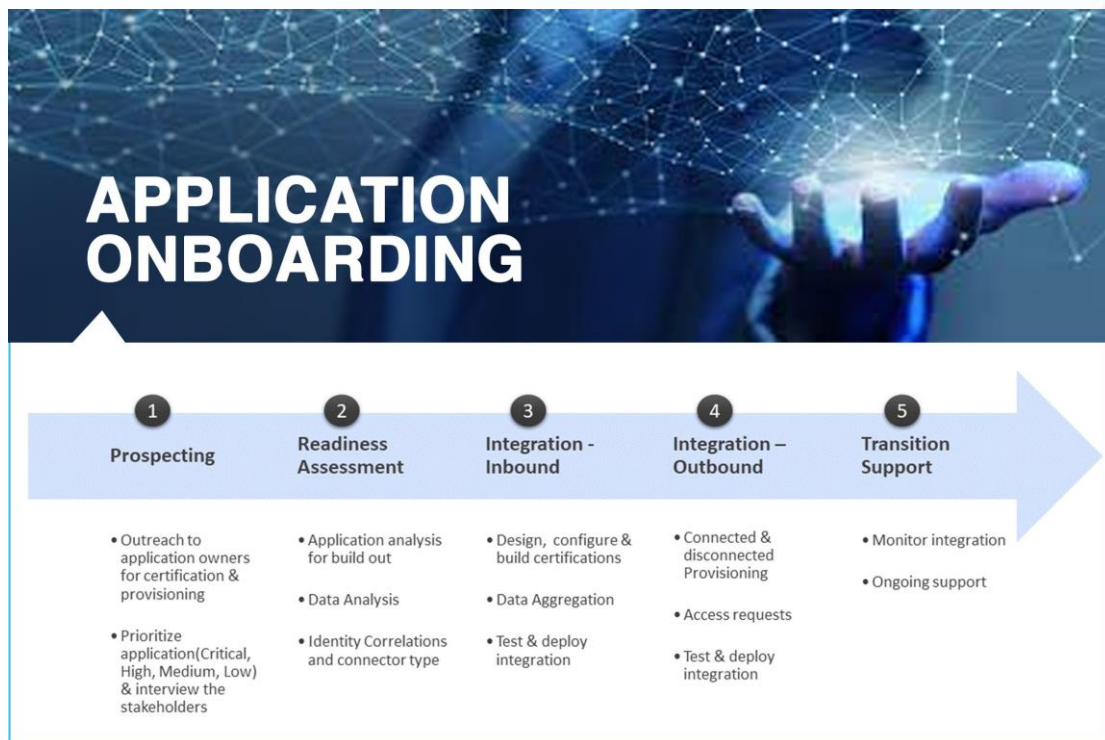
- Standardization from Template-based requirements.
- Repeatable techniques to acceleration application onboarding.
- Accurate time and integration cost determination for each application.
- Reduced variability in the implementation process.
- Ensured quality, efficiency, consistent design, on-time delivery, increased reusability, and proven flexibility.
- Using a mix of resources with higher efficiencies at competitive pricing.
- Inclusion of QA and integration testing to client environment.
- Repeatable tasks make training and resource allocation effective.
- Framework makes the integration process error resistance.

How is Avancer different?

Our experts at Avancer work on a wide variety of applications. Most companies that are not operating as per the factory model might have resources either owning multiple application onboarding processes that are dispersed or relating to one / handful of application/s. However, most companies have hundreds of applications as well as technologies, and onboarding them simultaneously might be a challenge if the factory model is not implemented. Avancer acts as an extended partner of the client to help integrate a large number of applications with the help of a template-based proven model.

The below diagram depicts the application onboarding process undertaken at Avancer's end:

APPLICATION ONBOARDING

1 Prospecting	2 Readiness Assessment	3 Integration - Inbound	4 Integration – Outbound	5 Transition Support
• Outreach to application owners for certification & provisioning • Prioritize application(Critical, High, Medium, Low) & interview the stakeholders	• Application analysis for build out • Data Analysis • Identity Correlations and connector type	• Design, configure & build certifications • Data Aggregation • Test & deploy integration	• Connected & disconnected Provisioning • Access requests • Test & deploy integration	• Monitor integration • Ongoing support

Avancer has been able to successfully plan and onboard various large applications for client companies. We have consolidated the knowledge into a framework that allows us to align processes, people as well as technology. This helps in meeting the goals provided by the organization. The framework is inclusive of quick start assets for designs, patterns, and standards together with code templates for short delivery time.