

WEBINAR

## Coreless Banking in the Digital Era: The PNC Story

June 29, 2021 | Q&A

Question	Answer
How to map the existing core processes to BIAN processes?	BIAN provides a Practitioner’s Guide that details the mapping process. Note, however, that BIAN uses a component / network view (as against the more common process view).
How do you plan to manage all these microservices and web services (APIs) you are creating?	Robust process orchestration and CI/CD pipeline integration, combined with a high level of automation, ensures seamless deployment and management of these micro services.
Can you explain the low-level integration with Hogan? Were you subscribing to MQ? Implementing RPC within CICS? RJE? LU 6.2 services?	The low-level integration with core systems, including Hogan, is use-case dependent. We have done implementations with batch, API and stream-based integrations based on the use-case, the demand for real-time vs near real-time etc. It can also leverage MQ or any other ESB.
The devil lies in the details as we all know. Are the BIAN definitions detailed enough in order to modularize/decouple, what is your experience in doing this, in what areas did you probe to the operational, productive level?	BIAN constantly incorporating new semantic API’s across service domains which provides an excellent framework for banks to modularize and standardize the interactions to the systems of record. One must also take into account that BIAN has the stay generic to facilitate all type of integration techniques and tools.
Q: From your perspective on modernization, what are the business domain areas that needs to be modernized / migrated from the legacy environment to the core. You did mention pricing, relationship management as examples, but what additional one should be considered migrating/transitioning in an incremental order?	Progressive core modernization provides banks with an approach where the existing functions embedded within the core systems are externalized. Product, pricing (fees/rates), relationships (for KYC and Fraud) being externalized enables the banks to innovate rapidly and launch new products and bundles including financial and non-financial products.  In a next phase payments, cards and loans are the usual suspects to externalize.
When the core system has been fully decomposed into standalone systems of record, what component should take care of cross-product activities coordination (e.g., do not mark the loan as overdue until all incoming payments for the current business day have been processed)?	The external product and pricing platforms such as Zafin provide the ability to configure rules which can be set up to ensure events/behaviors across systems are monitored.  A thorough mapping of the BIAN Service Domains will provide an insight in which components perform an crucial role in the cross product activities.

<p>Coreless Banking in my understanding would be the "ability to outsource/buy any (compliant) system of record", so get your core replaced by components using this reduced core.</p> <p>Coreless banking in the PNC sense is: bring agility to experience based systems and decouple it from system of records. In sight of this have you replaced your core system or just added the abstraction layers, as a plan for the future, do you offer your (new) core to other banks?</p>	<p>The BIAN frameworks, standards and APIs enable an architecture and design for a two-speed transformation / innovation / retirement / rationalization model. On a case-by-case basis systems of record are also being replace / retired / consolidated.</p>
<p>The BIAN API data serializations seem overly complex. What was your overall API mapping strategy from System of Record to the BIAN inspired APIs?</p>	<p>BIAN has made significant improvements to simplify the model based on member input and will continue to do so as the practical implementations grow. PNC has setup a regular feedback an input process to provide ongoing input to BIAN. And by doing so increase the overall usability of the BIAN APIs.</p>
<p>How does this target state compare with Finxact and FIS MBP core as a service?</p>	<p>PNC has deployed a modern core system and the target state involves running a layered architecture with separation between systems of interaction and systems of record.</p>
<p>How can we learn more about PNC's journey through progressive modernization?</p>	<p>BIAN members like PNC will continue to share their journeys through events like this.</p> <p>We also share our knowledge with other BIAN members in the Working Groups we participate in.</p>
<p>Does an API event-driven microservice architecture means that there will be common datasets or database records per BIAN banking service? If yes, where can we access the list of standardized BIAN banking</p>	<p>The data is in the BIAN Models defined in 2 layers, 1 per Service Domain per Behavioral Qualifier and, for overall insight in the BIAN Business Object Model (BOM)</p> <p>BIAN provides a Practitioner's Guide that details the componentry and principles for the architecture.</p>
<p>How did you determine the three things a core banking platform does well?</p>	<p>It's based on collective experience of the teams with deep domain knowledge of the core systems and their evolution. Externalizing product and pricing provides banks flexibility to innovate rapidly and be more customer-centric</p>
<p>What is the approx. range of licensing cost for Zafin for product and pricing externalization functions for medium type of use cases?</p>	<p>The licensing cost is based on the use-cases that drive the components of the solution required. Zafin is pleased to work with you/your team to very quickly evaluate your requirements and provide high-level pricing.</p>

**Answered in session**

<p>How is PNC addressing security and data privacy considerations with their externally accessible API's?</p>	
<p>How similar or different is the BIAN Coreless Architecture to AWS micro-service architecture approach?</p>	
<p>Zafin has worked with PNC with Hogan. Have you done a similar exercise with FIS Systematics anywhere?</p>	
<p>When you mention Zafin framework, is it a methodology or software framework?</p>	