

Banking Industry Architecture Network

BIAN Release 9.1 **Release Notes**

Organization

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1 Overview of Release 9.1

Release 9.1 provides more content and an enhanced quality of existing artifacts. In the figure below the evolution of the content of BIAN is presented. These changes are explained more detailed in the subsequent paragraphs.

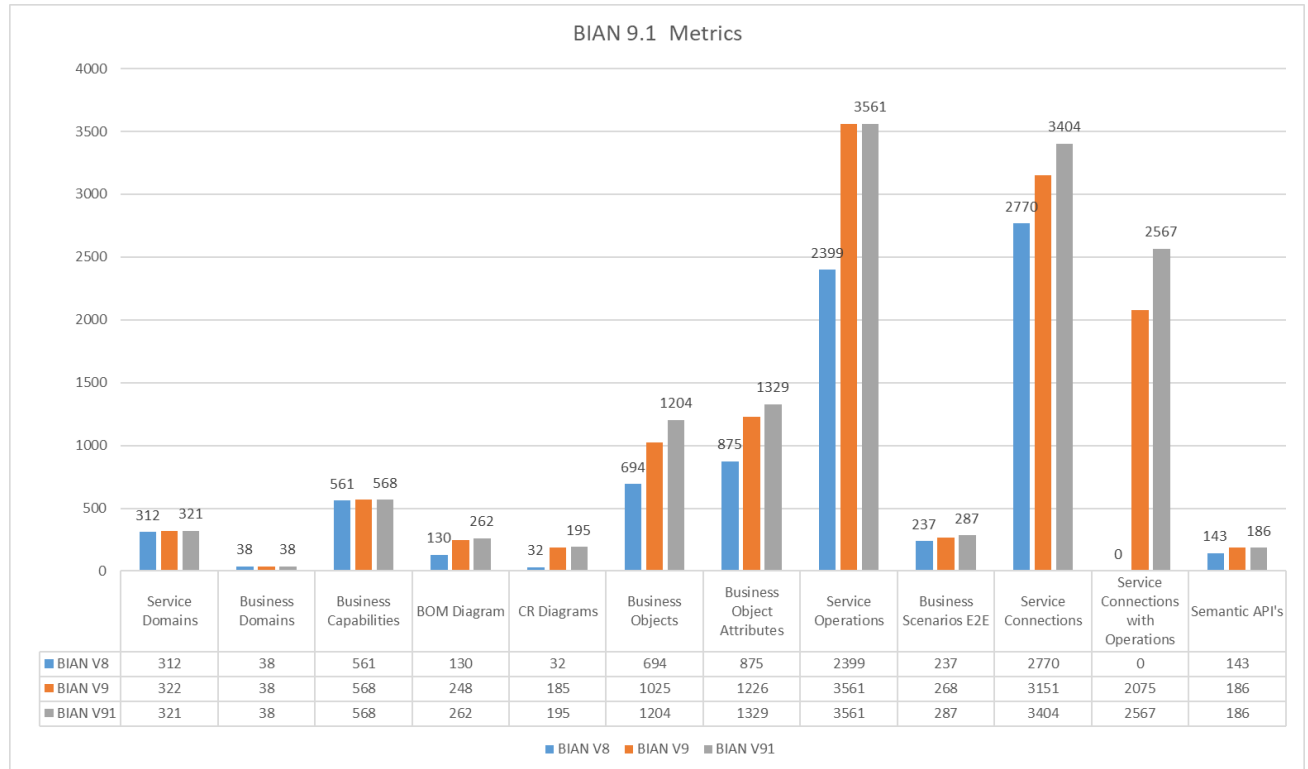


Figure 1 BIAN v9.1 Numbers of artefacts compared to the previous releases

1.1 API Waves 1-5

Release 9.1 contains updates for artefacts that were already part of Release 9.0 as well as a significant number of new artefacts in the area of BIAN Information Architecture.

For a total of 43 Service Domains a Business Object Model Diagram has been created.

The total number of unique BIAN API's is **186**

1.2 Increase in the Creation of Bank-verified Content

Release 9.1 is based on an increased participation of the Working Groups in defining content, which made it possible to add to the documented Business Capabilities, Business Scenarios and Service Domain descriptions.

From Release 8 onwards the model is being documented in BiZZdesign, BIAN's repository tool. It currently includes all the BIAN artefacts and their relationships. The Business Capability Model, the Business Scenario Model with Service Domain

descriptions, the Business Object Model and Control Records, descriptions of Service Operations and input/output parameters are all documented, conformant to the BIAN meta model.

The Service Domains and Business Capabilities are all fully expressed in the ArchiMate 3.1 language. The Control Records, Business Objects with Attributes and the Business Scenarios are expressed in UML because of the detailed nature of these artefacts.

1.3 BIAN Modelling Language and Notation

The BIAN Metamodel Architectural concepts are expressed in the ArchiMate 3.1 architecture modelling language. It gives Banking Enterprise Architects a more precise understanding of the BIAN defined meta model.

The BIAN Reference Architecture is expressed in a combination of ArchiMate and UML. The BIAN Service Landscape is documented in ArchiMate language. The Business Object Model and Control Record Model are documented in UML Class Diagrams, the Business Scenarios are documented in UML Sequence Diagrams.

1.4 Digital Repository in HTML

A fundamental change on the look and feel of the digital repository has been made. Continuously BIAN is striving to enhance the ease of access of the digital repository. The HTML version of BIAN V9.1 offers a starting page for the navigation. A search function allows finding elements in the digital repository. When searching for a Service Domain, the starting point to navigate through the Service Domain information is the Service Domain Overview Diagram.

All model elements which have a relationship to another model element can be browsed following a relation driven navigation path. This navigation path is most easily understood by having the BIAN meta model in mind.

2 Metamodel Updates

No meta model updates in this release.

3 Business Capability Model Updates

No changes in the documentation of the Business Capabilities.

The working group is working on the relationships between Business Capabilities and Service Domains, and it is also extending the use of Business Capabilities in the context of strategic Value Chains, which is more Business Strategy oriented.

The total number of Business Capabilities is unchanged at **568**.

4 Service Landscape Updates: New and Changed Service Domains

In Release 9.1 the number of Service Domains has decreased from 322 to 321. This is because 2 Service Domains i.e. “Deposit Accounts” and “Corporate Deposits” are replaced by Service Domain “Term Deposit”

4.1 Service Domain Name Changes

- Service Domains with “&” are renamed. “&” is replaced by “and”
- Service Domains with “/” are renamed. “/” is replaced by a “and”

4.2 BIAN 9.0 NEW Service Domains

- Term Deposit

4.3 Other Changes to highlight:

- none

5 Information Model Updates

Information Model of Release 9.1

Release 9.1 continues the expansion of the Information Model reflecting further mapping to ISO and additional content from the new Semantic API content. The Information Model of this release includes three main artefacts:

5.1 Service Domain based Business Object Model (BOM)

For each Service Domain in the BIAN Service Landscape, a pure Business Object Model (BOM) has been created which represents the main objects managed by the Service Domain. BIAN has created these pure Business Object Models in the BiZZdesign repository. We refer to this information model as “BIAN Business Object Model” that is independent of ISO20022 Business Model.

In Release 9.0, the total number of BOM diagrams was 248 diagrams. In Release 9.1, and extra 43 Service Domain BOM diagrams have been added. The total number of BOM diagrams is **262**

5.2 Service Domain based Control Record (CR) Model

For each Service Domain in the BIAN Service Landscape, a Control Record (CR) Model has been created which represents main business information governed by the Service Domain.

In Release 9.1, BIAN published 10 additional Control Record (CR) Models. The number of Control Record (CR) Model diagrams is now **195**.

5.3 Control Record-BOM-ISO 20022 Mappings

This is a mapping between Control Record elements (BIAN API Semantic), business objects and attributes (BIAN BOM) and business components and elements (ISO20022 BM). We call this mapping “ISO20022 Light Mapping” which means we only refer to the existing components and elements of ISO20022 and temporarily do not extend the ISO20022 Business Model anymore in comparison with Release 7.0.

BIAN is continuously updating these mappings. The full list is available for members and can be found on the members area of the BIAN Wiki [ISO mappings for BIAN Service Domains](#)

6 Business Scenarios

With Release 9.1 a total of 19 new business Business Scenarios are created and 252 linkages of service connections are added.

7 BIAN Semantic API Portal

The BIAN Semantic API portal got a fundamental revision. The links from the service domains to the api-urls is updated accordingly.