TECHNOLOGIES
INTELLIDRENCH
DRENCHED IN INNOVATIONS

INTELLIDRENCH TECHNOLOGIES
(API-Based Systems Integration Platform)

BUSINESS PROFILE

ComNILE

ASSOCIATED WITH Bharathbrands
INNOVATIONS AHEAD

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COMNILE

ComNILE provides a channel for communication as well as an offline route. It is intended to work with real-time data and the flexibility of a downtime-free environment. It provides access points for any external system via an ISO 8583/20022 gateway, which clients can use to access their Core Banking System.

The ComNile serves as the interface between a bank's core banking system and several other applications, programmes, and sources. A simple and intuitive method of interacting with Core Banking Solutions that is

QUICK

RELIABLE

HIGHLY SCALABLE

BANK CORE SYSTEM

ComNILE

ComNILE

How can ComNile benefit from financial services?

Transform legacy systems. Create the experience of the future. Modernize existing legacy applications and operations with ComNile.
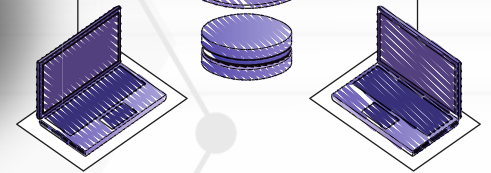
1

Boost the IT landscape's performance, dependability, reusability, security, and scalability

2

Centralized monitoring, control, and management

3

Abide by PSD2 Drive success in open banking with API readiness.

4

Utilize digital initiatives to accelerate time to market.

5

Provides 360-degree customer perspectives

360°

6

Utilize emerging technologies and the cloud when appropriate.

7

Integrating Channels to Improve Customer Experience

8

The Most Effective Method for Managing Your Entire IT Infrastructure From a Single Location

When a system malfunctions or is unavailable, enable business continuity.

Just connect the new system to ComNile to replace any existing one.

Literally Upgrades Your Legacy System

Launch new digital projects quickly.

Resource sharing between systems and channels is simple.

To provide clients with aggregated services, collaborate with your ecosystem.

Boost cooperation and breakthroughs.

Rather than funding maintenance initiatives, invest in innovation.

Be prepared to face off. With ComNile, collaborations and innovations are just one integration away.

ComNile's Bank Requirement Covers

ALERT SYSTEM USING EMAIL, SMS, CHANNELS, AND INTERNAL ACCOUNT OFFICERS' REFERRAL PROCESS

Track transactions based on a rule engine to hold, pay, or unpay.

Real-time backup process.

Statement extraction processes

Upload in any format to Transact
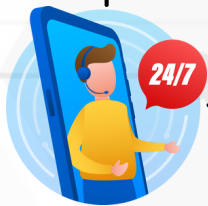
micro-services based APIs to integrate , the bank's internally developed interfaces

Payment system interface.

mobile banking system interface.

Querying system interface

Internet Banking System Interface

ATM INTERFACE.

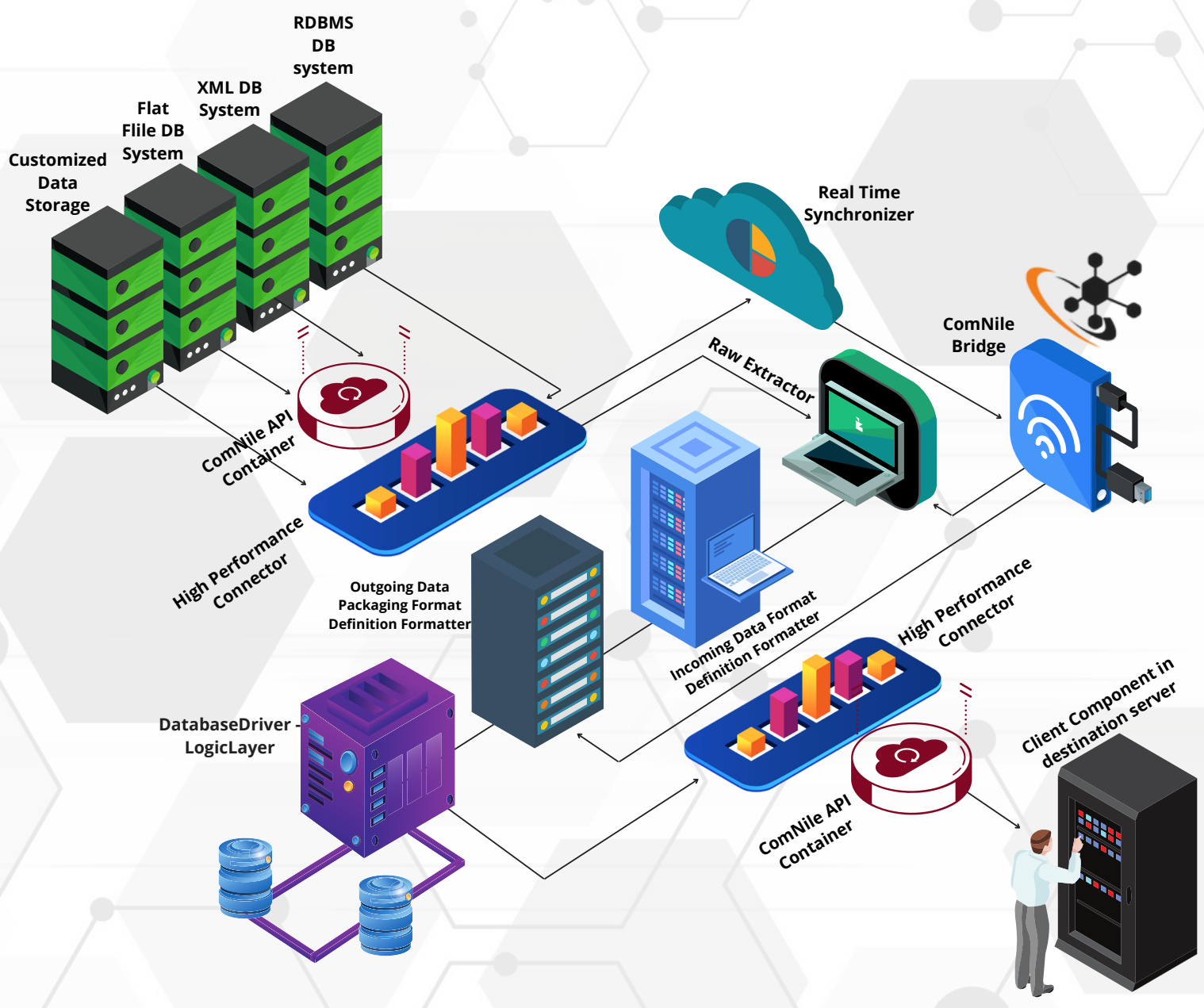credit and debit card system interface.

CLEARING INTERFACE.

Operation Overview

RDBMS DB system

XML DB System

Flat Flile DB System

Customized Data Storage

Real Time Synchronizer

ComNile Bridge

Raw Extractor

ComNile API Container

High Performance Connector

Outgoing Data Packaging Format Definition Formatter

Incoming Data Format Definition Formatter

High Performance Connector

DatabaseDriver - LogicLayer

ComNile API Container

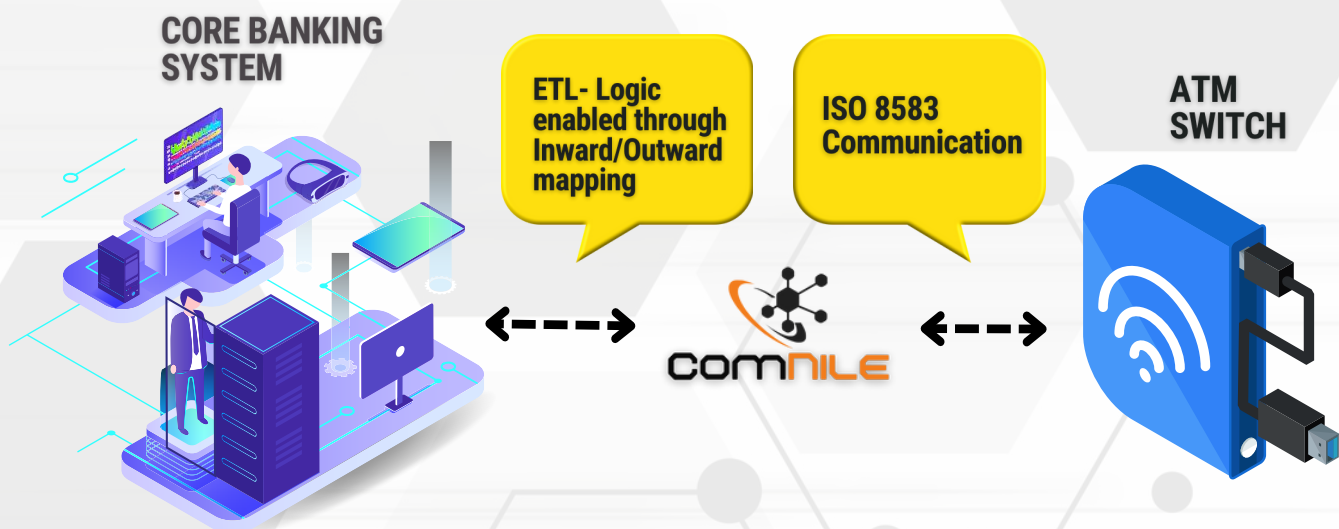**Client Component in destination server**

High-Performance Connector in

a) Multi-Thread
b) Multi-Channel
c) Multi-Session Concept

(MQ, TCP/IP/FTP, HTTPS, JSON) Real-Time Synchronizer Using the RDBMS concept of Data Push Technology ComNile Bridge (DB) replicator on a real-time basis.
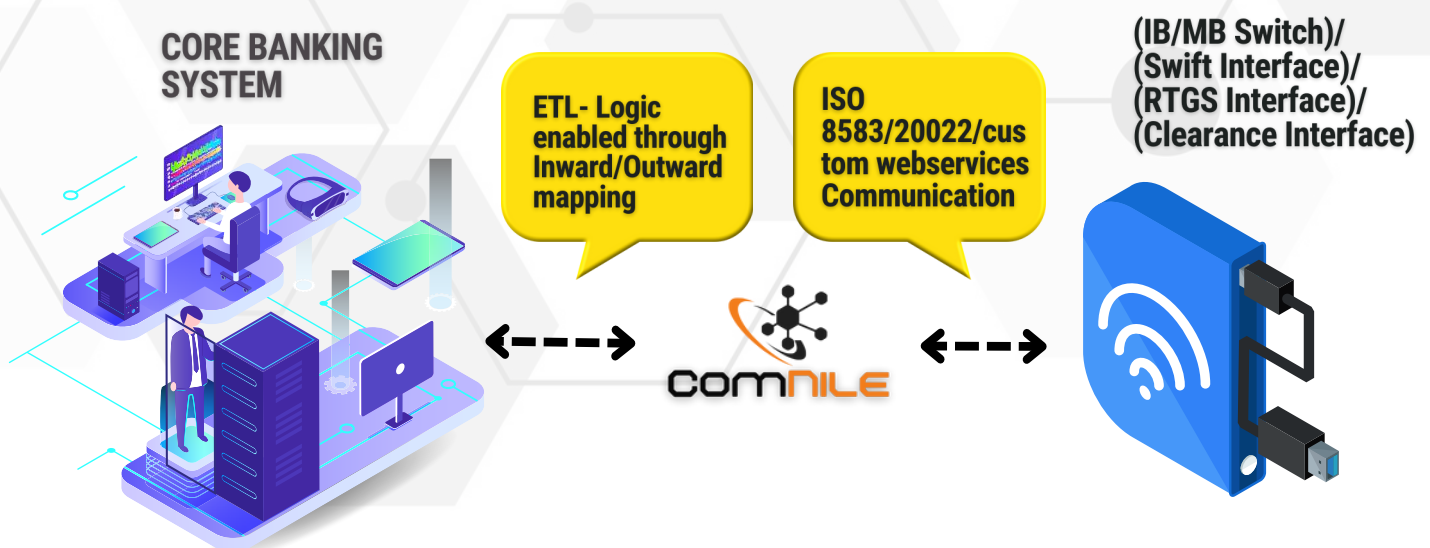
ISO CHANNEL

- The standard ISO message format is provided as a means of putting any information into the core banking system.
- An ISO message is sent to the bridge, and once the requested action is completed as a set, a response is obtained.
- For any universal financial communications between the main banking system and the external system, ComNile offers a special ISO 8583 channel with the latest version.

CORE BANKING SYSTEM

ETL- Logic enabled through Inward/Outward mapping

ISO 8583 Communication

ATM SWITCH

comNile

RTGS and Clearing System

- ComNile can be interfaced with RTGS and the Clearing System.

CORE BANKING SYSTEM

ETL- Logic enabled through Inward/Outward mapping

ISO 8583/20022/custom webservices Communication

(IB/MB Switch)/ (Swift Interface)/ (RTGS Interface)/ (Clearance Interface)

comNile

SWIFT INTERFACE

- The ComNile Component understands the remittance of the SWIFT channel through the core banking system when the transaction is successful, enabling STP abilities.

WEB SERVICES

- Any application may connect to the bridge and use its exposed web service capabilities to access the local data warehouse created by the bridge or to query data and send funds there.

Internet and Mobile Banking Interface

- ComNile interfaces with the Internet and mobile banking switches to open the gateway for financial telecommunication.

Database Data Upload

- The link can use a module to manage data from any database that has to be transferred to the primary banking system. The data will be transformed into the necessary messages, which will then be transmitted to the link.

Core Banking System Data Download

- Any of your core financial data may be stored in an external storage device using the bridge, creating a data warehouse that can be utilised for a variety of purposes. i.e., reports, offline features, etc.

Email and SMS channel

- The Alert system built into the ComNile uses email or SMS channels to handle any issue in the parameterized systems or the ComNile itself in real-time, allowing for a quick fix. This makes system maintenance easy.

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