



Innotech Diamond Profile



We come
as a **vendor**,
We stay
A **trusted**
partner.





Our Identity



Our Philosophy



Our Whereabouts



Our Services



We _____

exist to apply state-of-the-art information technologies and adopt best business practices that will help you in conceiving innovative business ideas and incorporate them into corporate strategies

Our Vision

is to adopt a top-down business-oriented approach, covering end-to-end customer needs, from strategic advisory services to technology implementation, operations and project management.



Our Mission

is to help you acquire the information needed to build prior technology investments, adopt new technologies, streamline your strategy in today's age and transform your business to success.

Pay A Visit

8 Galil El Bendary Street
Cleopatra
Alexandria, Egypt



We Offer

01 Big Data Analytics

We offer an innovative cloud-services framework, which is made up of a growing number of data management products. The productivity of the environment is accelerated by a common user experience across all products, the AI/ML-driven intelligence engine, and a micro-services architecture

◆ Big Data Discovery

The sheer volume of data being ingested into Hadoop systems is overwhelming IT. Business analysts eagerly await quality data from Hadoop. Meanwhile, IT is burdened with manual, time-intensive processes to curate raw data into fit-for-purpose data assets.

Big Data Discovery Solutions Benefits:

- Big Data Analysis provides the gold standard in data management solutions.
- Find any data and relationships that matter
- Quickly prepare and share the data you need
- Get more trusted insights from more data without more risk

◆ Big Data Ingestion, Parsing, Monitoring, and Analytics

Big Data Ingestion & Parsing processes enable your organization to view data and understand their structure and layout through a set of integrated tools reducing the time and cost of developing data handlers; this enables organizations to efficiently manage industry standards, binary documents, and hierarchical data.

Big Data analytics is the pursuit of extracting valuable insights from raw data that is high in volume, variety, and/or velocity.

With Big Data Analytics solutions, enjoy the benefits of:

- Universal Data Access
- High-Speed Mass Ingestion & Extraction
- Data Integration on Hadoop and Spark
- Data Profiling on Hadoop
- Intelligent Data Parsing on Hadoop
- Visual Design Environment
- Flexible Server-less Deployment



◆ IoT Streaming

Businesses today have an unprecedented opportunity to gain insight from a steady stream of real-time data—for example, clickstreams from web servers, application and infrastructure log data, real-time systems, and data coming from sensors or agents placed on the almost endless variety of devices and machines comprising the Internet of Things.

IoT Streaming efficiently collects all forms of streaming data and delivers it directly to both real-time and batch processing technologies so organizations can leverage it for holistic operational intelligence and Big Data analytics. It greatly simplifies streaming data collection through:

- Lightweight agents for an ecosystem of sources and targets.
- Brokerless messaging transport using a publish/subscribe model.
- Flexibility to connect sources and targets in numerous patterns.
- High performance delivery direct to targets over LAN/WAN.
- Simplified configuration, deployment, administration and monitoring.



◆ Data Science, Sentiment and Text Analytics

Data Science: is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from data in various forms, structured and unstructured, similar to data mining.

It is also a concept to unify statistics, data analysis, machine learning and their related methods in order to understand and analyze actual phenomena with data. It employs techniques and theories drawn from many fields within the context of mathematics, statistics, information science, and computer science.

Data Mining for Text Analytics: Sentiment Analysis can be applied on any data streamed from any Social Media platform (YouTube, Facebook, Twitter, LinkedIn, etc.). Data streamed include text and Media including 'Image Processing' and 'Audio Processing'.

Sentiment Analysis: It is a method to evaluate written or spoken language to determine if the expression is favorable, unfavorable, or neutral, and to what degree.

It uses Natural Language Processing (NLP) to collect and examine opinion or sentiment words. Sentiment analysis helps you understand Social Sentiment of your brand so you can always adjust to the present market situation and satisfy your customers in a better way.

02 Data Governance

◆ Impact Analysis

Data Lineage (Metadata Management): Metadata Management solutions manage Changes Effectively in Enterprise Data Integration Environments. It collects metadata from a data integration environment and provides a visual map of the data flows within that environment.

Metadata Management solutions provide the visibility and control needed to manage change, reduce errors caused by change, and ensure data integrity; it shows how data objects will be impacted by a proposed change before it is implemented. By providing full visibility into the potential impact of data changes, Metadata Management helps your IT organization obtain more accurate cost estimates and accelerate delivery time.

Business Glossary (Business Metadata): By giving business context to data assets in a central integration metadata repository, IT can ensure business has data they can trust.

Business Glossary is establishing Ownership and Accountability for Data. This enables data analysts, business analysts, and data stewards to work together to create, manage, and share a common vocabulary of data integration business terms.

◆ Master Data Management (MDM) – 360 View/Golden Key

Universal MDM sits in a layer above a company's disparate applications such as CRMs, marketing systems, call centers, and MDM solutions, unifying them into a single, all-encompassing MDM solution. With Universal MDM, a company can maintain a single view into all of its master data. A company can gain a view not only into the relationships among entities across different domains but also into the interactions that touch these different domains.

Universal MDM promises a wealth of business benefits. To choose one example, customer service representatives would always know the full history of every customer, in order to go above and beyond customer satisfaction; by solving more problems more quickly, they would be advantageously well positioned to offer special discounts.



Fundamentally, Universal MDM must provide:

- Universal services. Services that work universally across all master data in the enterprise
- Universal domains. Universal support for all key data domains
- Universal governance. Control over all master data through a common interface
- Universal solutions. Solutions that work universally for companies in key vertical industries

◆ Data Quality

Data quality refers to the condition of a set of values of qualitative or quantitative variables. There are many definitions of data quality but data is generally considered high quality if it is fit for [its] intended uses in operations, decision making and planning.

For decision making, having good data quality means having accurate and timely information to manage products and services from R&D through to the sale. Poor data quality can lead to the wrong insight and therefore the wrong decisions.

Manage the entire data quality life cycle. Data quality isn't something you do just once; it's a process. We help you at every stage, making it easy to profile and identify problems, preview data, and set up repeatable processes to maintain a high level of data quality.



◆ Big Data Quality

Big data transforms the way businesses innovate and improve their operational processes. However, as organizations begin to bring big data into their environments they struggle to make these projects pay off. One of the key challenges is that data quality issues degrade the integrity and trust in big data assets.

Transform your data quality processes to be a collaborative effort between business users and IT. This creates a true data-driven environment that supports better business decision making and analytics regardless of your data's size, format, or platform. It delivers authoritative, trusted data to all stakeholders, projects, and business applications—on Hadoop, on-premise, or in the cloud.

Big Data Quality solutions feature basic profiling, identity matching, data domain discovery, and grid computing for Hadoop.

Support for traditional relational databases and emerging big data technologies such as

◆ Data Cataloging

Data classification is the process of sorting and categorizing data into various types, forms or any other distinct class. Data classification enables the separation and classification of data according to data set requirements for various business or personal objectives.

A machine-learning-based data cataloging solution lets you classify and organize data assets across cloud, on-premises, and big data. It provides maximum value and reuse of data across your enterprise.

With features like automatic scanning & classification, business classifications, semantic search with intelligent facets, end-to-end data lineage, intelligent data suggestions, and high-performance data profiling, we provide top tier classification/cataloging solutions that will enable organizations make the most out of its data.

◆ Data Archiving & File Retirement

We offer data archiving scalable solutions that can help organizations manage and support their database archiving strategies. It can help to control growing data volumes and associated storage costs while improving application performance and minimizing the risk associated with data retention and compliance. Whether applied to packaged or custom applications or data warehouse environments, it can provide benefits to both IT groups and business units enabling them to intelligently archive and manage historical data throughout its lifecycle.



Combine data from many different sources - typically for analysis, business intelligence, reporting, or loading - into one application and benefit from gaining one view of all your data without wasting time looking for it in its silos.

Utilize the development agility, enterprise scalability and operational confidence of the offered solutions.

◆ Batch Integration

Batch data extract solutions for building, managing and maintaining data integration processes in business intelligence systems

◆ Real-Time Integration

By enabling the continuous, real-time capture, routing, transformation, and delivery of transactional data across heterogeneous environments. As new or updated data is committed at the source system, it is continuously captured and applied to one or more target systems with low latency.

◆ Data Integration Hub

Data Integration Hub is a new information infrastructure service that enables the same evolution for data integration by adding the equivalent of an online directory, a dial tone, one-to-many, and many-to-many connections.

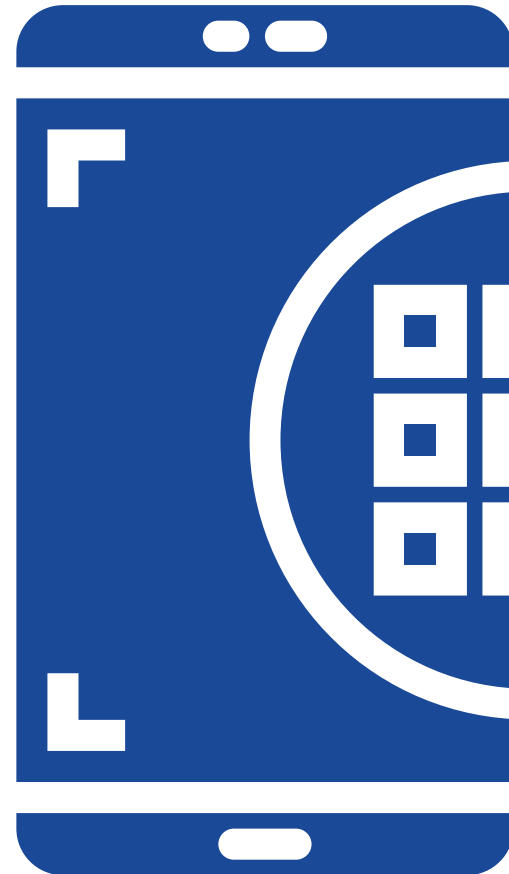
Introducing a new data integration approach, using publish and subscribe model, without compromising control.

The Hub simplifies application-to-application data integration so that organizations can support any volume, format, latency, or protocol within a single data integration platform.



04 Enterprise Application Integration

IT enables two-way communication between users and OLTP deployed applications by supporting a variety of messaging channels (ex: email, instant messaging (IM) (XMPP), short message service (SMS) (SMPP) and voice) by enabling system developers to set up and manage services and to orchestrate them into composite applications and business processes with different formats and protocols. So, received message is routed to the appropriate application that can then respond to the user or invoke another process according to its business logic with high level security platform services and Failover capability. Standards based support are JCA 1.5, XML, WSDL & WSIF.



Privacy & Security Regulations

Our data security solutions help you control the information access to protect critical data across your enterprise, ensure compliance with industry or civil regulations (e.g. GDPR, and PCI DSS), lower risk associated with cloud modernization, and implement data security best practices.

◆ Dynamic Data Masking for Production

We aim at real-time data masking of your production data. Our solution changes the data stream so that the data requester does not get access to the sensitive data, while no physical changes to the original production data take place.

Dynamic masking delivers:

- Preventive controls to help address numerous regulatory requirements.
- Prevent data breaches
- Protect privacy related information.
- Complying with privacy regulations and standards such as the Payment Card Industry Data Security Standard (PCI-DSS).

◆ Data Masking & Sub-setting for Non-Production

You run the risk of breaching sensitive information when copying production data into non-production environments for the purposes of application development, testing, or data analysis. We help reduce this risk by irreversibly replacing the original sensitive data with fictitious data so that production data can be shared safely with non-production users. We provide end-to-end secure automation for provisioning test databases from production in compliance with regulations.



◆ Data Monitoring

We proactively review and evaluate your data and its quality to ensure that it is fit for purpose. Our solutions help you measure and track your data using dashboards, alerts and reports.

We'll help you with:

- Real-time data monitoring (RTDM): you can review, evaluate and modify the addition, deletion, modification and use of data on software, a database or a system.
- Data quality monitoring: monitor and ensure your data quality on each data instance created, utilized and maintained within your organization.
- Discovering and remediating personal and sensitive data risk across your organization
- Leveraging artificial intelligence and machine learning to deliver actionable data discovery and classification, risk scoring, behavioral analytics, and automated protection in a single solution.
- Supporting both structured and unstructured data in cloud, on premises, and big data stores, as well as any relational and mainframe systems.

◆ Log Management (Collection & Visualization)

Our solutions comprise an approach to dealing with large volumes of computer-generated log messages (also known as audit records, audit trails, event-logs, etc.).

We will provide you with:

- A network security management platform that provides situational awareness and compliance support through the combination of flow-based network knowledge, security event correlation, and asset-based vulnerability assessment.
- Log collection users responsible for investigating and managing network security assuming that you have knowledge of your corporate network and networking technologies.
- Real-time analysis of the log data and network flows to identify malicious activity so it can be stopped quickly, preventing or minimizing damage to the organization.



◆ Regulatory Security Policies (Privacy Regulations/Standards)

If you are using live data in non-production environments, you will need to ensure that the data is masked and de-identified in accordance with the proposed new DPA law. If this draft law is passed, then data processed in a non-production environment, such as a test or development system, will no longer be able to be 'live' unless the company has notified the individual and received their consent

We will support you with these issues, our solutions help with:

- The International Organization for Standardization (ISO)
- The General Data Protection Regulation (GDPR)
- Payment Card Industry Data Security Standard (PCI-DSS)
- Personally Identifiable Information (PII)
- Protected Health Information (PHI)
- Health Insurance Portability and Accountability Act (HIPAA)

◆ Identity Management (Authentication Software)

IAM is a framework for business processes that facilitates the management of electronic or digital identities.

With IAM technologies, IT managers can control user access to critical information within their organizations.

Identity management, also known as identity and access management (IAM) is, in computer security, the security and business discipline that "enables the right individuals to access the right resources at the right times and for the right reasons".

IAM is a combination of business processes, policies and technologies that allows organizations to provide secure access to confidential data. Is used by enterprises to control the flow of sensitive data in and out of the network and to manage digital identities and specify how they are used to access resources.



06 Analytical Dashboards

◆ Ad-Hoc Query Reports

Implementing ad hoc reporting functionality can be of major benefit to the entire enterprise. Self-service reporting puts the tools necessary to build a fully functional report and modify existing reports directly into the hands of end users so that data analysis can be achieved quickly, intuitively, and interactively with little to no training.

At Innotech, our consultants will help you identify your needs and accomplish them, from software selection, training, to implementation, support.

◆ Business intelligence

Business intelligence (BI) software is a collection of decision support technologies for the enterprise aimed at enabling knowledge workers such as executives, managers, and analysts to make better and faster decisions. The past two decades have seen explosive growth, both in the number of products and services offered and in the adoption of these technologies by industry.

◆ Data Visualization – Self-Service Dashboards

Data visualization is a general term that describes any effort to help people understand the significance of data by placing it in a visual context. Patterns, trends and correlations that might go undetected in text-based data can be exposed and recognized easier with data visualization software.

Interact With Data. A chief benefit of data visualization is that it brings exposes changes in a timely manner. But unlike static charts, interactive data visualizations encourage users to explore and even manipulate the data to uncover other factors. This creates a better attitude for use of analytics



◆ Performance Scorecards & KPI Strategic Management

A performance scorecard is a graphical representation of the progress over time of some entity, such as an enterprise, an employee or a business unit, toward some specified goal or goals. Performance scorecards are widely used in many industries throughout both the public and private sectors.

The key benefits of using a Balanced Scorecard include: Better Strategic Planning. The Balanced Scorecard provides a powerful framework for building and communicating strategy. The business model is visualized in Strategy Maps which forces managers to think about cause-and-effect relationships.

◆ Online Analytic processing (OLAP)

Online Analytic processing (OLAP) supports operations such as filtering, aggregation, pivoting, rollup and drill-down on the multi-dimensional view of the data.



07 Financial Services

At Innotech Diamond, we offer various financial services through a set of powerful applications and tools coupled with highly skilled consultants to empower the Financial Services Industry.

Performing the processing, categorizing, selection and manipulation of data and information needed to analyze, understand and report on specific performance, risk, compliance and customer insight issues.

Measuring and meeting risk adjusted performance objectives, cultivate a risk management culture through transparency, lower the costs of compliance and regulation, and improve insight into customer behavior.

We also offer complete planning, budgeting and forecasting solutions to solve enterprise-wide business planning use cases.



Data Replication and Disaster Recovery

◆ Data Replication

Data Replication is the process of storing data in more than one site or node. It is useful in improving the availability of data. It is simply copying data from a database from one server to another server so that all the users can share the same data without any inconsistency. We offer real-time transaction replication software and tools that are highly scalable, reliable, and easy to configure. This allows your IT organization to share information across different systems in a heterogeneous environment (different hardware platforms and data sources—including appliances and Hadoop) while maintaining the transactional integrity of the data.

◆ Disaster Recovery

Ensuring high availability, data protection, and disaster recovery for enterprise data by providing a comprehensive set of services that create, maintain, manage, and monitor one or more standby databases to enable production environment to survive disasters and data corruptions.

It prevents data loss and downtime in the simplest and most economical manner by maintaining a synchronized physical replica of a production database at a remote location. If the production database is unavailable for any reason, client connections can quickly, and in some configurations transparently, failover to the synchronized replica to restore service. This eliminates the high cost of idle redundancy by allowing reporting applications, ad-hoc queries, and data extracts to be offloaded to read-only copies of the production database.



09 Business to Business (B2B)

B2B (business-to-business), also known as e-biz, is the exchange of products, services or information (aka e-commerce) between businesses, rather than between business and consumers.

◆ Data Transformation Software/Solutions

B2B data transformation solutions for extracting data from any file, document, or message regardless of format, complexity, or size and transforming it into a usable form.

With our B2B data transformation solutions, we offer:

- Comprehensive Transformation Tools and Industry Standard Support
- Universal Data Transformation
- The Versatility to Run Specifications as Data Transformation Services
- Increased Operational Efficiency from Decreased Development and Deployment Time
- Ensured Ongoing Compliance with a Library of Industry-Specific Data Format Standards

◆ Data Exchange

More and more data resides outside the enterprise: at partners, on devices, in the cloud, etc.

Organizations are moving towards hybrid infrastructures to take advantage of cloud economics and efficiencies. As a result, data integration projects are converging to cover multiple patterns: like internal (A2A); external (B2B); and cloud.

With our B2B data exchange solutions, We offer:

- Business Visibility Through Data Event Monitoring
- Secure connectivity through integrated Managed File Transfer (MFT)



The block-chain, in layman's terms, is a virtual, public ledger that records everything in a secure and transparent manner. Unlike banks that facilitate transactions with traditional currencies, the block-chain allows the free transfer of crypto-currency through a decentralized environment. All the data is then held in an interlinked network of computers, owned and run by none other than the users themselves.

here are the most important benefits of block-chain that may prove to be useful to businesses in different industries:

◆ Supply Chain Management

For supply chain management, the block-chain technology offers the benefits of traceability and cost-effectiveness. Put simply, a block-chain can be used to track the movement of goods, their origin, quantity and so forth. This brings about a new level of transparency to B2B ecosystems -- simplifying processes such as ownership transfer, production process assurance and payments.

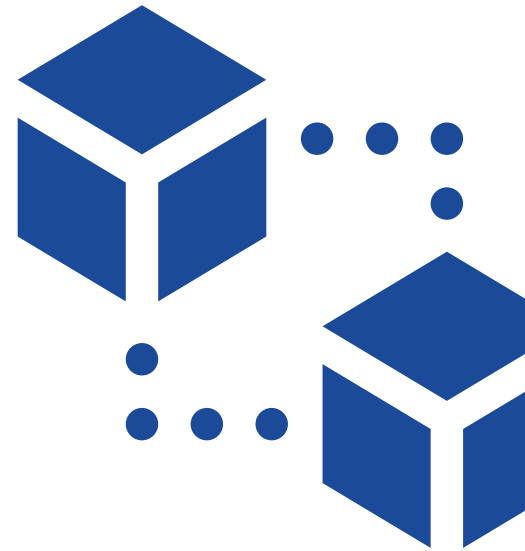
◆ Quality Assurance

If an irregularity is detected somewhere along the supply chain, a block-chain system can lead you all the way to its point of origin. This makes it easier for businesses to carry out investigations and execute the necessary actions.

A use-case for this is in the food sector, where tracking the origination, batch information and other important details is crucial for quality assurance and safety.

◆ Accounting

Recording transactions through block-chain virtually eliminates human error and protects the data from possible tampering. Records are verified every single time they are passed on from one block-chain node to the next. In addition to the guaranteed accuracy of the records, such a process will also leave a highly traceable audit trail.



◆ Smart Contracts

Time-consuming contractual transactions can bottleneck the growth of a business, especially for enterprises that process a torrent of communications on a consistent basis. With smart contracts, agreements can be automatically validated, signed and enforced through a block-chain construct. This eliminates the need for mediators and therefore saves the company time and money.

◆ Voting

Just like in supply chain management, the promise of block-chain in the aspect of voting all boils down to trust. Currently, opportunities that pertain to government elections are being pursued. One example is the initiative of the government of Moscow to test the effectiveness of block-chain in local elections. Doing so will significantly diminish the likelihood of electoral fraud, which is a huge issue despite the prevalence of electronic voting systems.

◆ Stock Exchange

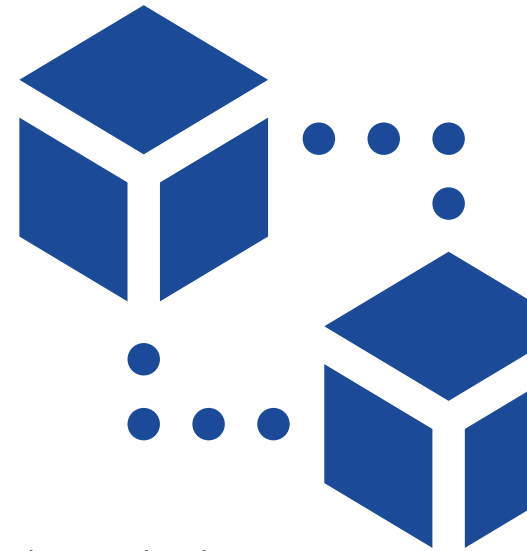
The notion of using block-chain technology for securities and commodities trading has been around for a while. Given the open-yet-reliable nature of block-chain systems, it isn't surprising to hear that stock exchanges now consider it as the next big leap forward. In fact, Australia's stock exchange is already dead set on switching to a block-chain-powered system for their operations, which is designed by the block-chain startup Digital Asset Holdings. In a press release published in December 2017, Blythe Masters, CEO of Digital Asset, said, "after so much hype surrounding distributed ledger technology, today's announcement delivers the first meaningful proof that the technology can live up to its potential."

◆ Energy Supply

There are two types of businesses -- those that shrug off monthly utility bills and those who scratch their heads, wondering where their energy expenditures are coming from.

In certain parts of the globe, commercial establishments and households can now take advantage of block-chain-enabled "transactive grids" for sustainable energy solutions that accurately track usage. A couple of examples would be Powerpeers in Netherlands and Exergy in Brooklyn. Block-chain can also be used to improve the tracking of clean energy. After all, once power is sent to the grid, no one can really discern if it's generated by fossil fuels, solar energy or wind.

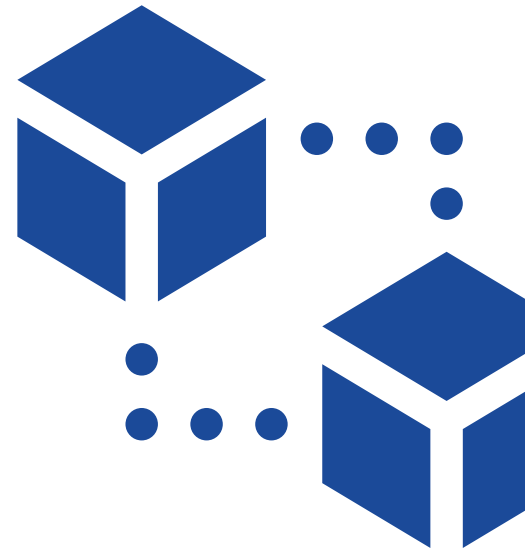
Traditionally, renewable energy is tracked through tradable certificates that are issued by the government. These certificates are, to put it bluntly, terrible in serving their purpose -- something that block-chain would have no trouble handling.



◆ P2P Global Transactions

Finally, the meteoric rise of Bitcoin and every other crypto-currency in the market isn't without merit. For one, it enabled the fast, secure and cheap transfer of funds across the globe.

While there are already a slew of services like PayPal that process international payments, they usually require sizable fees per transaction. Other P2P payment services also have specific limitations, such as location restrictions and minimum transfer amounts. That's why more businesses, as well as regular users, are beginning to prefer crypto-currency for international transfers. Not only are they generally more secure, users are also granted more freedom when it comes to the movement of their funds. It's clear that the block-chain is making strides into different industries outside of crypto-currency. One could argue that most people aren't ready yet for decentralized digital ledgers, but looking at block-chain's progress thus far, it probably won't be long before non-adopters follow suit.



In order to support the maximum number of users and elastic services with the minimum resources, the Internet service provider invented the cloud computing. Connect your cloud and on-premise apps rapidly with native Cloud connectors.

◆ Private Cloud (on premise / local)

This format, also known as an “internal cloud,” is hosted within an organization's own data center. It provides a more standardized process and protection, but is often limited in size and scalability.

◆ Enterprise Cloud

Is the provision of cloud computing services to businesses. This is in contrast to consumer-oriented cloud computing services. In enterprise cloud computing, individual companies and businesses rely on contracts with cloud providers or vendors to outsource different types of IT services.

◆ Public Cloud

Is one based on the standard cloud computing model, in which a service provider makes resources, such as virtual machines (VMs), applications or storage, available to the general public over the internet. Public cloud services may be free or offered on a pay-per-usage model.

◆ Hybrid Cloud

is a cloud computing environment that uses a mix of on-premises, private cloud and third-party, public cloud services with orchestration between the two platforms.

◆ Cloud Data Warehouse

For companies that start and born in the cloud, it is expected to have numerous cloud applications that need connectivity to each other to get a holistic view of the data across these systems. Cloud can bring all this data from the sources and transform the data into relevant, contextual and reliable data, store it in cloud data warehouses (e.g. Azure SQL DW and Amazon Redshift) and enable self-service dashboards with actionable insights for e.g. Tableau and Salesforce Wave and Cognos.



◆ Hybrid Data Warehousing (Data warehouse as a Service)

Load multiple data sources from cloud and/or on premise to Data Warehouse as a Service on public cloud platform. In this use case, a customer would typically have legacy DW which runs on-premise and also have migrated subsets of data to cloud-based DW like Redshift or MSSQL DW. There could be various reasons for the migration including the need to scale flexibly, reduce cost, increase time-to-market and most importantly agility and speed of doing business. In this type of use case the customer might integrate various other cloud data sources like ERP, CRM as well cloud-based data sources like Salesforce, Workday and NetSuite etc. The consolidated data in the cloud DW which in turn feeds into the BI tools which can be the modern self-service BI tools like Tableau, Salesforce Wave etc. or the traditional BI tools like Cognos etc. Cloud Connectors solutions fit in seamlessly to provide the integration services and right data for users.

◆ Lift and shift

Migrate on premise databases, integration platform, and/or data warehouse to a public cloud platform

◆ Hybrid Application Integration

Integrate applications, on-premise, in SaaS and on public cloud

◆ Cloud Data Integration

Improve and simplify your data integration processes with our comprehensive and easy-to-use tools. Increase productivity with intuitive wizards, preconfigured solution templates, mass ingestion, and out-of-the-box mappings that seamlessly integrate high data volumes across multi-cloud and on-premises environments. Cloud Data Integration is tailored for cloud data warehouses like 'Amazon Redshift', 'Microsoft Azure SQL', Data Warehouse, Google BigQuery, or Snowflake

◆ Cloud Integration Hub

Modernize complex data integrations by providing a better way to integrate multiple SaaS applications across cloud and on-premises. Cloud Integration Hub's publish/subscribe system is optimized for data integration and enhances data consistency and trust, empowering business and IT teams to collaborate seamlessly and be more productive.

◆ Cloud B2B Gateway

Modernize your integration with external partners through state-of-the-art partner management and monitoring tools. Cloud B2B Gateway gives you everything you need to expedite and simplify partner onboarding, with EDI processing and tracking, preconfigured EDI workflows, and automatic file discovery.

◆ Cloud Application Integration

Automate business processes, expedite transactions, and enable real-time analytics with a single, trusted solution designed to support all your integration patterns—including multi-cloud and hybrid integration—and all of your data sets, user types, and endpoints.

◆ Cloud Data Quality for Applications

Quickly identify, visualize, fix, and monitor data quality issues within business applications such as Salesforce and Marketo with a single, automated solution that builds user confidence in their data. Cloud Data Quality Radar's intelligent self-service approach uncovers bad data, automatically fixes the data, and provides ongoing monitoring of your data.

◆ Cloud MDM – Customer 360 for Salesforce

Realize the full promise of your customer-centric vision by streamlining your information management with a single, trusted source of business-critical customer data in your Salesforce environment.

◆ Data Security Cloud

Reduce the risk of data breaches, improve data security and compliance, optimize security investments, and support the enforcement of data privacy and use policies—non-intrusively and without application changes.

12 Database and System Administration

◆ Application/Web Information Server

We will provide you with the ability to consolidate your applications on a pool of shared servers for both high efficiency and superior performance. Our solution has the proven performance on industry benchmarks across the most varied chip types and operating systems. It has sophisticated High Availability (HA) features built on clustered instances to ensure up-time. Also, it is easy-to-use and keeps systems going without hassle or additional expenses. You will be in position to react swiftly to change and help your enterprise outperform the competition.

A simple example of an application server is a web server. It makes data available to you by processing it. One purpose of application servers is to allow application program capabilities to be shared in an efficient and well-structured manner.

◆ Data Federation

A federated database is a logical unification of distinct databases running on independent servers, sharing no resources (including disk), and connected by a LAN. Data is horizontally partitioned across each participating server.

Federated architecture (FA) is a pattern in enterprise architecture that allows interoperability and information sharing between semi-autonomous de-centrally organized lines of business (LOBs), information technology systems and applications.

A federated database system is a type of meta-database management system (DBMS), which transparently maps multiple autonomous database systems into a single federated database. The constituent databases are interconnected via a computer network and may be geographically decentralized.

◆ Data Virtualization

Data virtualization is an umbrella term used to describe any approach to data management that allows an application to retrieve and manipulate data without requiring technical details about the data, such as how it is formatted or where it is physically located. Data virtualization integrates data from disparate sources, without physical data movement. Data virtualization then provides a single access point to manage and view this data. It removes the need to move data from Data Warehouse to Data Warehouse or even Data Warehouse to Data marts, which many companies do, as this is the only way to make the data available to their applications. Data Virtualization works very well when the source data is well defined and readily accessible for business logic.



Data Virtualization provides the following Business Benefits over Data Materialization:

- Supports Fast Prototype Development
- Can be an interim solution to final ETL Project
- Quicker time-to-solutions for business
- Respond to increasing volumes and types of data
- Increased data analysis opportunities
- Information completeness
- Improved information quality
- Reduced data governance complexity
- Better able to balance tie, resources, and results
- Reduced Infrastructure Costs

◆ Server, Desktop, and Network Virtualization

It is the process of creating a software-based, or virtual, representation of something, such as virtual applications, servers, storage and networks. It is the single most effective way to reduce IT expenses while boosting efficiency and agility for all size businesses.

Virtualization can increase IT agility, flexibility and scalability while creating significant cost savings.

Greater workload mobility, increased performance and availability of resources, automated operations are all benefits of virtualization that make IT simpler to manage and less costly to own and operate.

Additional benefits include:

- Reduced capital and operating costs
- Minimized or eliminated downtime
- Increased IT productivity, efficiency, agility and responsiveness
- Faster provisioning of applications and resources
- Greater business continuity and disaster recovery
- Simplified data center management
- Availability of a true Software-Defined Data Center



Pre-built & Packaged Analytical Applications

Building a business intelligence application to meet your information needs is hard, getting accurate requirements, synchronize data, extract, transform and load (ETL) and BI models, create compelling metrics, design a visually intuitive dashboard, and populate it with clean, accurate and timely data is almost impossible. And that's the easy part. Getting executive support, bridging business and IT needs, balancing speed and standards, hiring the right people and managing change can torpedo even best-in-class BI programs. Moreover, as the pace of technology innovation accelerates your organization demands more functionality such as web and mobile interfaces, advanced visualization, support for both structured and unstructured data, and sub-second response times made possible with in-memory technology.

Our solutions are aligned with functional and vertical business domains that are built on a pre-integrated, scalable data warehousing infrastructure.

It is geared to your organization that wants to accelerate the time it takes to deploy BI solutions and deliver an analytical complement to their packaged operational applications.

Benefits:

- Faster Implementation, Lower Risk, and Better Business Results
- Next-Generation Business Intelligence Platform
- Insight Where and When You Need It
- Leverage Your Existing Investments



14 Stand Alone Business Solutions

◆ Treasury Management

We will manage your global treasury operations while improving visibility, profitability and control. You will be able to proactively monitor and adjust currency and interest rate positions and exposures across your entire enterprise while complying with your internal risk policies. Also, we enable you to make informed investing, borrowing and foreign currency hedging decisions on a timely basis.

We offer tools that will help you achieve greater profitability by eliminating undesirable positions, minimizing financial risks, funding costs, and maximizing investment returns. It is designed to complement Cash Management and Risk Management Position Analysis Ad-hoc reporting tools. It gives you visibility and control of all your enterprise-wide cash flows, operational financial exposures and financial instruments. You no longer need to rely upon spreadsheets, emails, or faxes from throughout your organization to make timely and informed funding and hedging decisions.

◆ Customer Relationship Management (CRM)

We offer a set of powerful, state-of-the-art tools designed to help medium-sized to large enterprises manage their customer facing operations. Providing transactional, analytical, and engagement tools and capabilities to help users get the job done.

◆ Enterprise Resource Planning (ERP)

Integrated set of business applications for automating customer relationship management (CRM), enterprise resource planning (ERP) and supply chain management (SCM) processes within organizations.

A Financials Centralized Solution Set is an unprecedented, centralized architecture that standardizes accounting, intercompany processing and transactional taxes across your entire enterprise. It encompasses a powerful global accounting solution, a robust inter-company solution, and a global tax solution.

It delivers on its Applications Unlimited commitment, the long-term plan to provide continuing enhancements to your existing investments.

IT provides organizations of all sizes, across all industries and regions with a global business foundation that reduces costs and increases productivity through a portfolio of rapid value solutions, integrated business processes and industry-focused solutions.

◆ Human Resources Management System (HRMS)

An ERP software for Human Capital Management that can manage your entire workforce holistically, address your organization's talent management needs and maximize employee productivity and efficiency by enabling you to securely access your employee information and manage essential HR functions effectively.

It provides resources management to your payroll and compensation system, enabling higher productivity among high-frequency business users and streamline business processes by delivering a comprehensive business and industry solutions designed to address the most intricate requirements in HR, financials, and supply chain management.

A number of out-of-the-box WorkCenters designed to dramatically improve user productivity by consolidating user tasks, exceptions, alerts, links, reports, and queries into a single, secure, role-based, cockpit style "command center" that can be personalized via end-user configuration.

◆ Asset Liability Management (ALM)

Asset Liability Management (ALM) tools, that will help financial services institutions measure and monitor interest rate risk, liquidity risk, and foreign currency risk.

The tools measure and model every loan, deposit, investment, and portfolio individually, using both deterministic and stochastic methods.

◆ Foreign Account Tax Compliance Act (FATCA) Reporting

It is the objective of the "Foreign Account Tax Compliance Act" (FATCA) to identify all U.S. taxpayers worldwide and levy taxes on their income. The introduction of a 30% withholding tax on U.S. revenues for non-cooperative institutions is an effective means for the enforcement of FATCA.

Financial institutions are perfectly equipped to meet the challenges of the new OECD directives. The future will see many reporting variants for numerous bilateral agreements. The highly flexible solution is easy to adjust and may cope with a large number of potential reports (apart from U.S. FATCA) and any number of addressees.

FATCA reporting requires lots of information that cannot be generated by the software solutions alone. This makes it necessary to extract data from various sources (e.g. core banking solution, and CRM) to fulfill the requirements; this is where our experienced consultants come in picture.

◆ Anti-Money Laundering (AML)

The global financial services community continues to be highly monitored and regulated. Few areas have seen higher levels of activity and regulatory focus than money laundering and counter-terrorist financing.

This sophisticated and growing pandemic problem, driven by vast criminal networks, requires anti-money laundering (AML) solutions that provide insight across the enterprise and the entire globe.

Institutions cannot risk damage to reputation, client trust, and market share from this financial abuse and illicit activity.

Anti-Money Laundering solutions provide advanced detection methodologies, investigation and reporting of suspected money laundering and terrorist financing activities. The result: compliance with current and emerging AML regulations with a more transparent view of financial activity and customer risk, all delivered through a streamlined investigation process at reduced costs to the institution.