GAINS
MOVE FORWARD FASTER

Oracle
and
GAINS:

Accelerating Supply Chain Performance

ORACLE® Quick Deployment and
Sustainable Value

Executive Summary

Your ERP system is the backbone of your business but it was not designed to keep pace with the dynamic demands of supply chain planning, optimization and scenario analysis. Optimizing strategic and tactical supply chain performance requires an efficient flow of relevant data from internal systems and external data sources.

At GAINS® our goal is to help you create a connected enterprise to harness data to generate accurate, reliable, and optimal plans. With GAINS, you can quickly share these plans across your organization via enterprise systems such as ERP, CRM, and order management to drive agility and action. GAINS has invested considerable resources to create Oracle integration with standardized methods and tools to quickly establish reliable data flows between mission critical systems.

Accelerated Time to Value

GAINS' proven Oracle integration simplifies the implementation process and provides the ability to quickly leverage enterprise data at a lower cost with less risk than a custom integration approach. Through often frustrating trial and error many of our customers learned that, in order to meet their business objectives, they needed a best-in-class supply chain planning solution to compliment Oracle. They found Oracle's offering could not meet their functional requirements and often involved a lengthy and prohibitively expensive implementation effort with limited results. They selected the GAINS Supply Chain Performance Optimization Platform due to its depth of functionality, pre-packaged integration, and faster time to value. In addition, the GAINS approach makes it easy to continually upgrade data flows and software components to drive continuous innovation and harness new insights.

"Prior to installing GAINS, using what we thought was a leading edge tool associated with our ERP system, we thought the only way to raise customer service levels was to increase inventory and get a better forecast. What a surprise to learn that with GAINS, you don't need the extra inventory, and profit optimized inventory policies are more powerful than a better forecast"
— Director, Inventory Management
Invacare

Digital Transformation Requires Data

Efficient data flow is central to digital ecosystems. That's why data plays a leading role, along with people, process, and technology, in any digital transformation. As Figure 1 illustrates, data considerations are central to the GAINS Proven Path to Performance (P3) Methodology.

GAINS has successfully served hundreds of organizations across various industries. GAINS supply chain experts are well versed, having successfully completed digital transformation projects and solution implementations across a spectrum of manufacturers, distributors, and retailers. In doing so, GAINS has established a standardized set of methods and tools to establish reliable data flows between mission critical systems — overcoming challenges like limited IT resources, incomplete and erroneous data, and multiple sources of data and destinations for results.

Certified integration accelerates your deployment and ensures your resiliency creating a connected enterprise prepared to sense and respond in a dynamic global market. Your IT team will confidently connect with the recognition that:

◇ Every digital ecosystem is different, with differing standards and tools

◇ Different data flows have different rate and frequency requirements

◇ No organization has perfect data

◇ Leveraging external data and analytics is increasingly important to stay competitive

Our proven methods allow for swift implementation of the GAINS platform in as little as eight weeks, allowing your business to *move forward faster.*
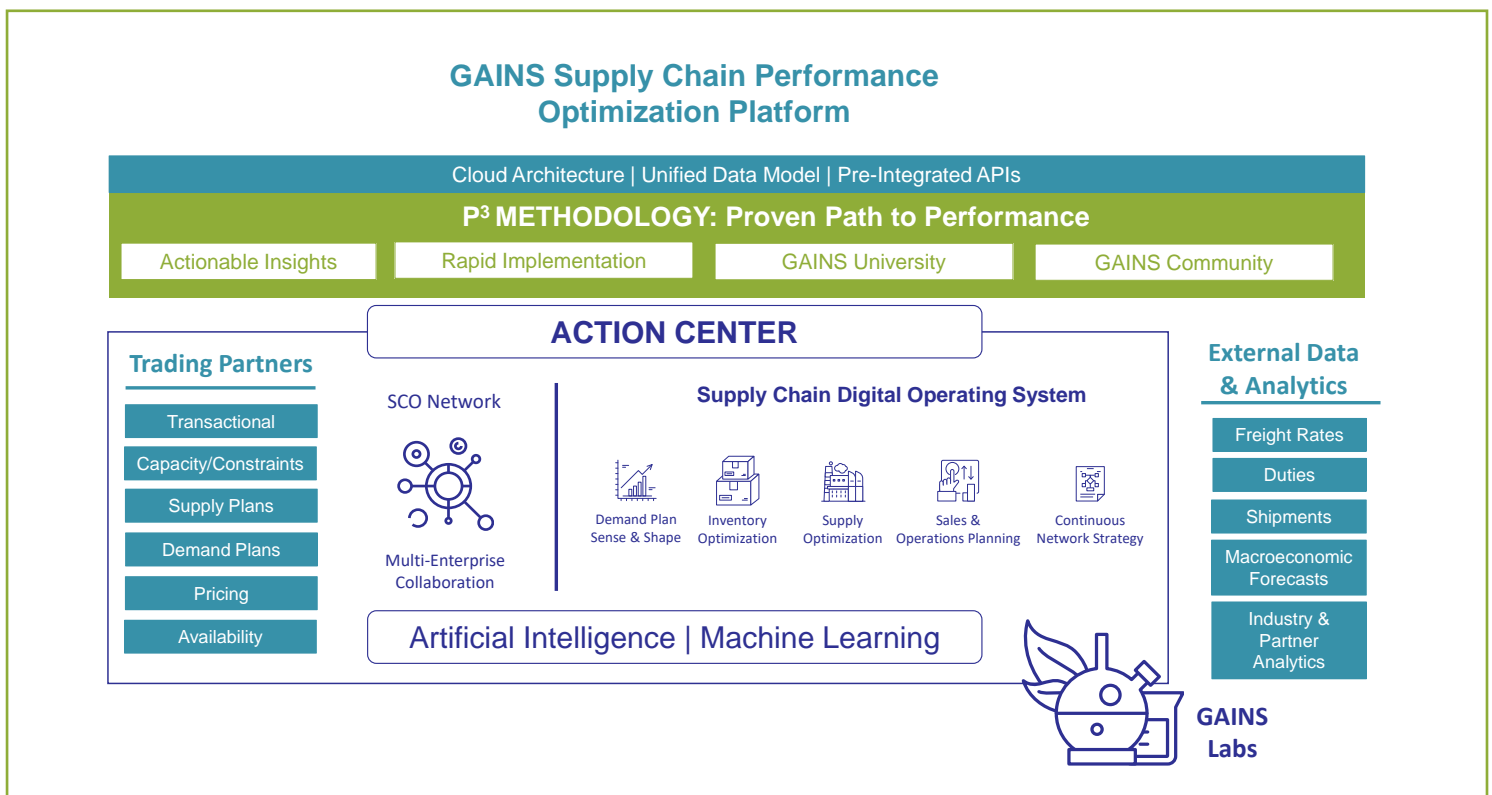
Figure 1: GAINS Supply Chain Performance Optimization Platform

A Proven Approach for Oracle Integration

Successful integrations combine three core components —
connect, transfer, and align — that support many-to-many
relationships between enterprise systems.

◇ Connect to multiple systems to retrieve data and return
  instructions and results.

◇ Transfer data between systems reliably and efficiently
  while providing fault tolerance and alerting.

◇ Align data elements and definitions across systems
  using mapping, transformation, and enrichment.

As shown in Figure 2, through effective synchronization of
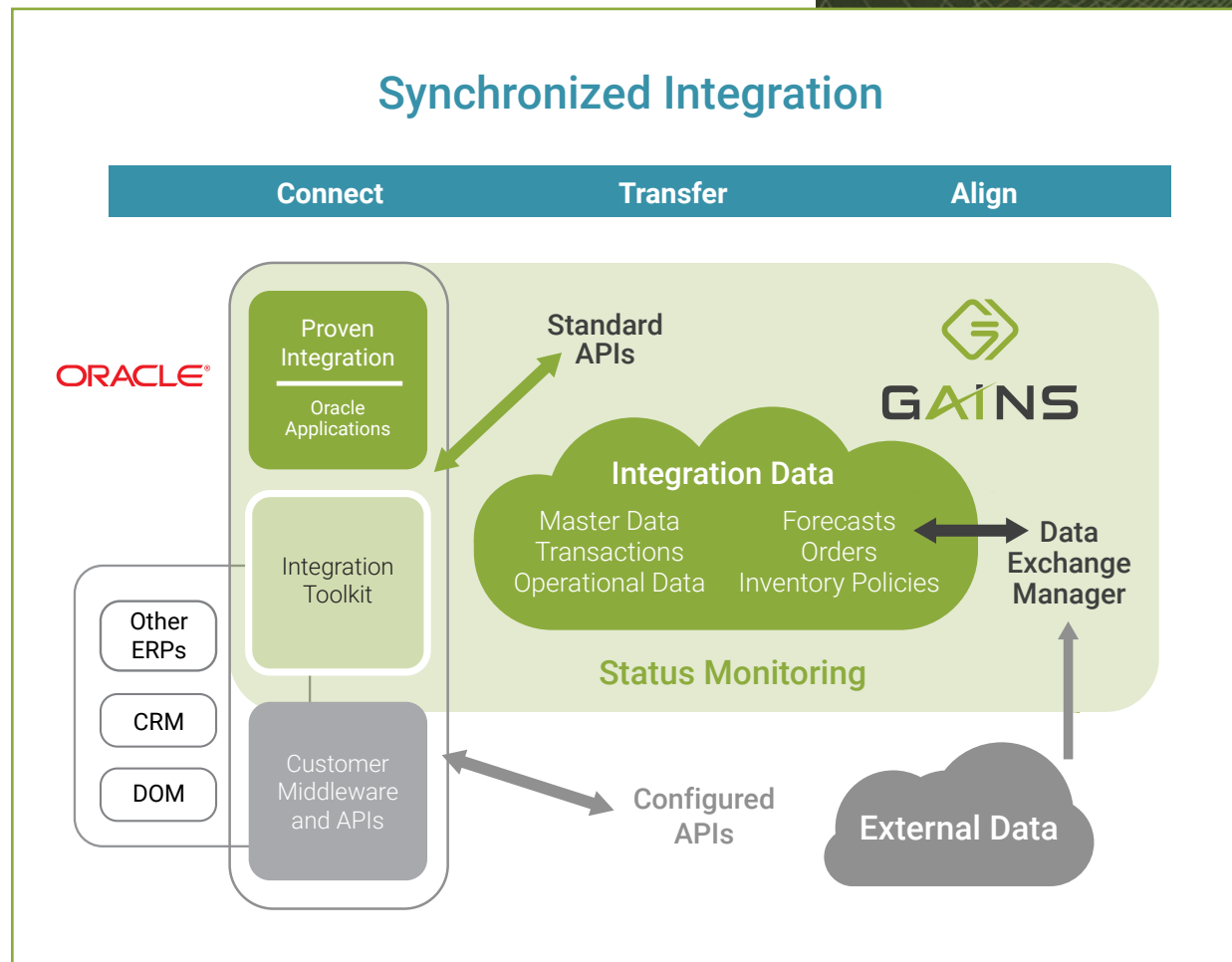these three components, we help streamline integrations.

Synchronized Integration

Connect	Transfer	Align

ORACLE®

Proven
Integration
—
Oracle
Applications

Integration
Toolkit

Other
ERPs

CRM

DOM

Customer
Middleware
and APIs

**Standard
APIs**

GAINS

Integration Data

Master Data   Forecasts
Transactions   Orders
Operational Data   Inventory Policies

**Data
Exchange
Manager**

Status Monitoring

Configured
APIs

External Data

Figure 2: GAINS Synchronized Integration

Connect

Our proven APIs accelerate the entire integration and deployment process. GAINS makes setting up the connection to extract data from and import into Oracle and other enterprise systems easy and fast by aligning to your IT organization's needs. GAINS works with your organization to select the best approach to connect considering IT policies, governance, and available resources. Since organizations vary in maturity and resource availability, GAINS provides several alternatives for connectivity.

GAINS offers multiple options:

◇ Pre-configured, proven interfaces

◇ Standardized Oracle data extracts and uploads

◇ Available in the cloud and on-premise

◇ A pre-configured GAINS Integration Toolkit connects to most other enterprise systems

◇ Predefined templates speed setup of middleware or batch extracts

By retrieving and delivering data as it exists in your enterprise systems, GAINS will simplify and accelerate the process for implementation, and streamline on-going maintenance and support.

Transfer

Different data elements originating from disparate systems often need to be transmitted in different volumes and frequencies. For example, new orders needing Available to Promise (ATP) dates require real-time integration of small messages in both directions. Whereas incorporating monthly forecasts provided for use in Demand Planning requires one-time-load of a large datasets.

Though all protocols are available for all data exchanges, data flows are defaulted based on need as part of standard implementations.

GAINS provides:

◇ Support for multiple protocols, including REST, SOAP, ALE/IDocs and EDI

◇ Standard API libraries for real-time or frequent scheduled updates

◇ SFTP for larger infrequent data exchanges

With the GAINS cloud-based solution platform, you can deploy, maintain and scale quickly, ultimately achieving a greater agility, resilience and visibility. This enables your team to move forward faster toward efficient onboarding and an accelerated time-to-value.

Align

When connecting with Oracle or other ERP systems across your business, extracting the data as-is streamlines IT's role resulting in a more reliable data flow. Data alignment is best managed on entry into or exit from a supply chain planning solution.

The GAINS Data Exchange Manager automatically validates data, enriches it, and applies business rules as the data flows (on upload and download). This eliminates data latency, increasing efficiency and responsiveness of the integrated solution.

Synchronized Integration

With built-in pre-defined paths, synchronized integration happens seamlessly. Data flows are coordinated through Connect, Transfer, and Align to meet the business requirements providing real-time (request-respond), frequency-based updates in sync with your business cadence.

As Figure 3 illustrates, the Oracle and GAINS data exchange enables easy, scalable and rapid establishment of reliable data flows, through a combination of:

◇ Standardization

◇ Protocol flexibility

◇ Fault detection and tolerance

◇ Data completion with Artificial Intelligence (AI)

◇ Business rules

◇ Maintainability

◇ Reuse

Oracle and GAINS Data Exchange

ORACLE®

GAINS

Proven Integration

Oracle Applications

Item Master
Demand Transactions
Supply Transactions
Inventory Master
On Hand/Unshipped
Bill-of-Materials
On-Customer Forecast
Vendor Master

PUSH

PULL

Replenishment Optimization

Approved GAINS AROs as "Pending" PO Requisitions

Full PO | PO Details
PO Header

Transfer Orders
Kitting/Work Orders

Parameter Optimization

Demand Forecast
Stock Policy
Default Preferred Source
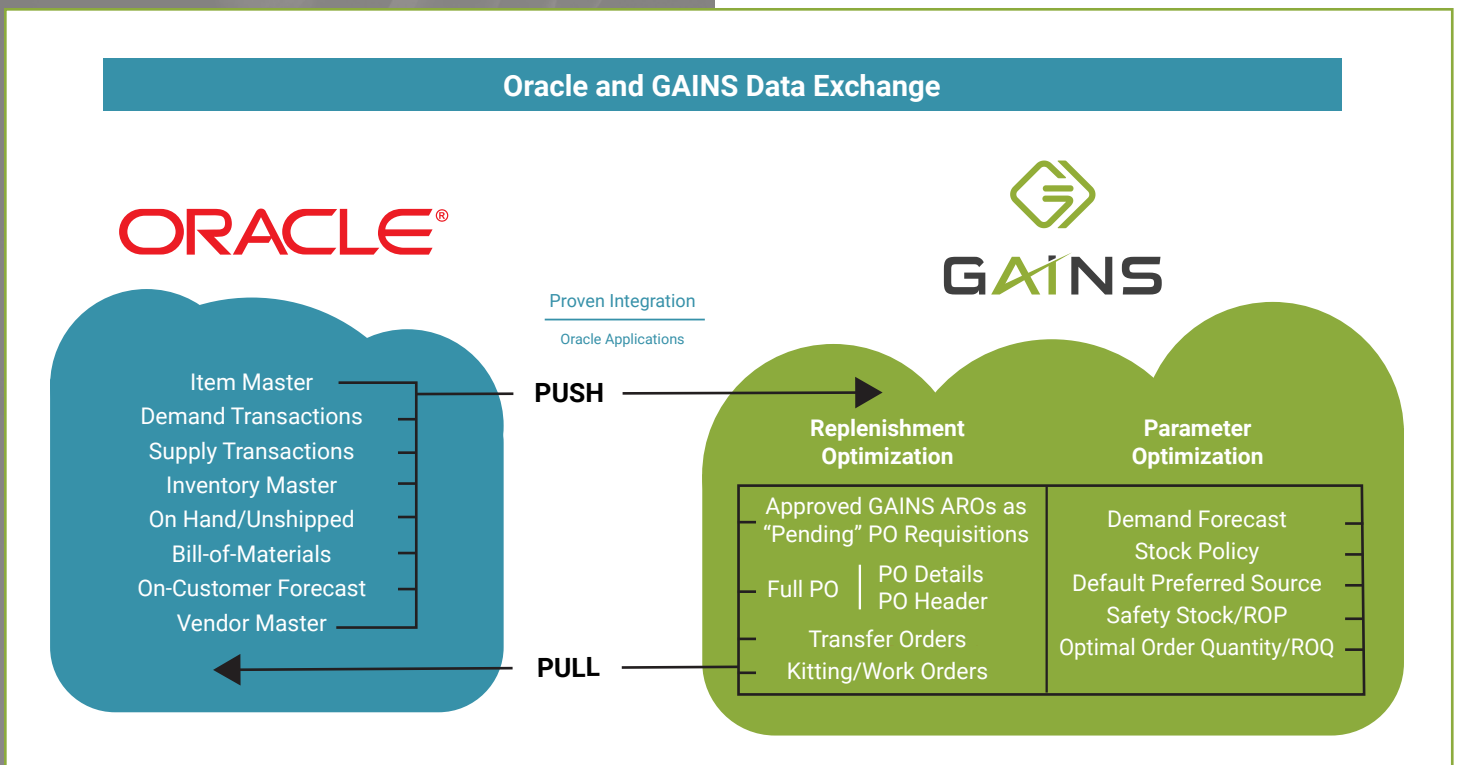Safety Stock/ROP
Optimal Order Quantity/ROQ

Figure 3: Oracle and GAINS Data Exchange

Conclusion

At GAINS our goal is to help you deploy quickly with greater confidence. Every digital ecosystem and digital transformation is highly dependent on reliable access to enterprise information and interoperability. That's why the GAINS Oracle integrations are designed to:

◇ Enable efficient supply chain collaboration through business process automation

◇ Provide collaborative work and data flows so data is at the right place, at the right time and in the proper form to enable better decision making

◇ Extend and enable B2B integration for sharing data and content among trading partners, applications, and other ecosystems

Are you ready to take the guesswork out of integration and create a connected enterprise? The GAINS approach will help your IT team move forward faster to fuel your agility and supply chain success.

GAINS
MOVE FORWARD FASTER

About GAINSystems
GAINS offers a proven, rapid path to a new supply chain future — in as little as 8 weeks.

For more information, visit **www.GAINSystems.com** or follow us on LinkedIn or Twitter.

ORACLE®
NETSUITE

ORACLE®
Applications

Proven integration with Oracle Applications and Oracle NetSuite.

To **MOVE FORWARD FASTER** visit **www.GAINSystems.com**