



MODUSPHERE

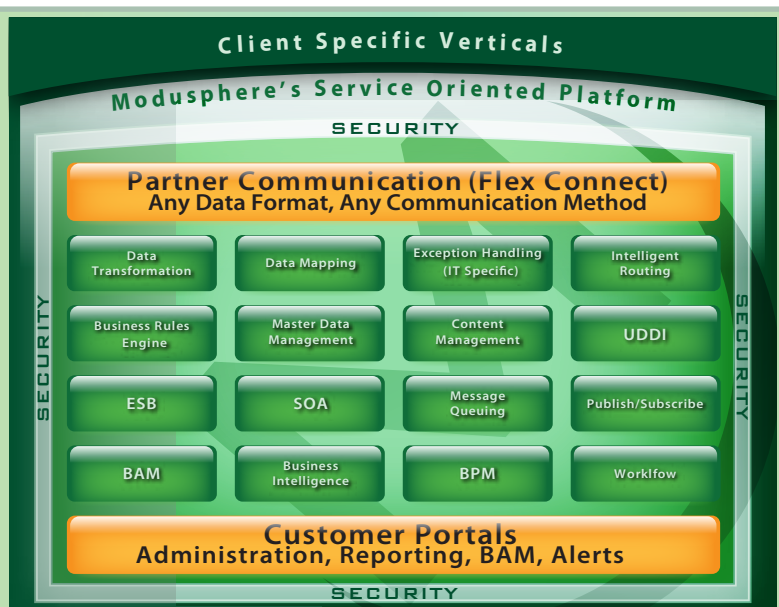
AN ON-DEMAND INTEGRATION, PROCESS AUTOMATION AND
OPTIMIZATION SOLUTION COMPANY

Key Highlights of our SaaS Platform (M-Sphere)

- **Cost-effective Solution**
(Save 40-60% of typical Integration costs):
 - » No hardware or software to buy
 - » Subscription and pay-as-you-go pricing
 - » Platform / Software as a Service (PaaS / SaaS)
- Single Tenant / Private Cloud capability
- On-Demand Cloud services (SOA, BPM)
- Significantly reduce costs and increase process efficiencies
- Secure, reliable and scalable platform that meets your need
- Internal and external integration (B2B, EAI, ESB)
- No need to adopt new technologies; we take on that burden
- Rapid solutions and on-boarding; be up in weeks not months
- Process visibility analytics reporting

Process automation spans across several functional areas (within and external) of a company. Our platform encompasses each of them and allows customers to utilize one or all as needed. The following is a description at a high level of the functional areas:

- **Core Integration** — All automation requires some sort of integration with systems, either internal or external. Whether it is a trading partner custom format or an ERP system such as SAP, we provide the services to seamlessly integrate these disparate systems.
- **Automation** — Once integration is handled, the need becomes being able to orchestrate and automate business processes across the enterprise's value chain.
- **Optimization** — With automation comes visibility. Visibility in turn provides analytics that allow businesses to optimize their processes. Bottlenecks and inefficiencies are easily identified and can be re-engineered.



Developing an optimized process automation solution is a complex task that involves people, process and technology from multiple organizations working together in a seamless environment. Modusphere has developed a platform along with a methodology to accomplish this integration with your current environment and to save your organization the time, expense and pain involved with integrating, automating and optimizing your business processes. The high level components of Modusphere's platform are illustrated above.

Modusphere provides an ideal solution for companies looking to increase automation by providing a cost effective, flexible, no fuss, managed service solution platform. Modusphere's technology is built upon the principles of cloud computing, Service Oriented Architecture (SOA), and Business Process Management (BPM). Our platform saves you the time, expense and pain involved with integrating, automating and optimizing your business processes through traditional means. Customers can be up and running with these solutions in weeks and can save approximately 40%-60% on typical integration and automation costs. By using Modusphere, businesses can continue to focus on their core business and growth opportunities instead of being burdened by the ever changing technology universe.

Why Automate and Optimize Your Business Process?

All businesses need to be agile and flexible to effectively operate and take advantage of new opportunities. At the same time they must minimize costs and operate more efficiently. This agility and flexibility includes being able to rapidly integrate with other businesses for the exchanging information, automate key business processes and then continue to optimize these processes, all while gaining visibility and without incurring prohibitive cost or disruption to those processes. Modusphere gives you the ability to meet all of these needs.

The numerous benefits of process automation and optimization include:

- Significant reduction in costs and increase in profit margin
- Elimination of mundane and repetitive manual tasks
- Ability to re-focus resources to core business operations
- Speed to market
- The rapid expansion of your business into new markets
- Competitive advantage that is critical to success

The Modusphere platform is secure and flexible enough to handle any solution. Whether your need is Supply Chain Management, Healthcare communication, SOA enablement or you want to outsource painful integration, Modusphere has the platform and knowledge to fulfill your needs. The following is list of general capabilities.

Connections	Our services can be used via:
	Web Services
	Transport of all file types (XML, FF, etc..)
	Email (body, attachments or both)
	HTML Forms (Smart, InfoPath, etc.)
	Direct (Database (JDBC, ADO.NET, OLEDB, ODBC, Message Queues, etc..)
Protocols and Internet Standards	
	HTTP / HTTPS
	FTP / FTPS / SFTP
	SMTP
	AS2
	SOAP
	REST
	MLLP
Messaging	Intelligent Routing
	Translation and Transformation
	Batch Messages
	Synchronous / Asynchronous
	Encryption and Validation
	Message Queues
Adapters / Data and Message Formats	
Applications	Microsoft Dynamics
	Microsoft Biztalk Server (2006R2/2009)
	Microsoft SharePoint (2003/2007/2010)
	SalesForce.com
	SAP
	Oracle (PeopleSoft)
	Other ERP and CRM Applications
	Custom in-house applications
	MSMQ
	MQSeries
	Oracle, SQL Server, Sybase, Etc...
EDI	ANSI X12
	EDIFACT
	EDI VAN
	AS2
	All other EDI standards
XML	UBL / ebXML
	xCBL / cXML
	RosettaNet
	Any custom XML format
Flat File	Microsoft Excel
	CSV
	Delimited / Positional / Combination
Industry Standards	HL7 v2 / v3
	Swift
	DICOM
Security	Data Encryption (Transport and Message)
	Access Control Lists
	Certificate Authentication
	Visibility Reports
	Identity Management
	Custom Security (Certs, Digital Signature,
Administration	Role Based Configuration
	Process Visibility and Monitoring
	Alerts and Notifications
	Self Service Provisioning
Management	Account Management
	Customer and Partner on-boarding
	Tier 1 Support
	Change Management
	mySphere Customer Portal
SOA / BPM	Publish / Subscribe Model
	Itinerary Driven Process
	Business Rules Engine
	Long Running Transactions
	Data and Process Correlation
	Complex Process Orchestration
	Business Activity Monitoring (BAM)
Business Intelligence	mySphere Portal Analytics
	Standard / Custom Datamart Reporting
	Transactional data and Predefined KPIs

The MODUSPHERE Advantage

Instead of building and maintaining many individual disparate interfaces or manual processes, customers can connect to our platform without the need to adopt new technologies or disrupt their business operations. Our platform enables an "any-to-any" hub connection instead of one-off point-to-point applications.

- **Reduce Cost/Increase Margins** — Cost effective solutions that are tailored to your needs
- **Experience** — We have assembled a team of highly talented domain experts with over 40 years of experience in architecting and developing business process automation solutions
- **Most companies view integration as an IT project** — Modusphere's views this as an opportunity to optimize your business process.

About MODUSPHERE

Modusphere is a provider of business process integration, automation and optimization solutions. Our cloud based solution platform enables companies to integrate within the organization and with external partners and automate business processes in an extremely cost effective manner. Modusphere specializes in automation and optimization solutions and our team has deep experience in architecting, developing and managing numerous applications for customers ranging from small business to Fortune 500 companies. For more information, go to www.modusphere.com or email info@modusphere.com.