

GE Information Services



**Marketing &
Sales**



**Purchasing/
Supplier**



**Logistics
Management**



**Financial
Services**

**A Buyer's Solution for
Reducing Sourcing
Costs**



BONN - COMPETITION - German exporters, battling against a strong currency and high labour costs, have found another cause for their declining share of international markets: the Internet.

Michael Fuchs, the president of Germany's wholesale and foreign trade association, on Tuesday said that companies are losing once lucrative niche markets because *the Internet makes it easier to compare prices and thus makes competition tougher.*

Where once a German company would offer to supply goods abroad at a given price and be fairly sure of winning the order, it is now likely to find the potential customer quoting more competitive prices from perhaps five other suppliers and putting the German company under pressure to improve its terms.



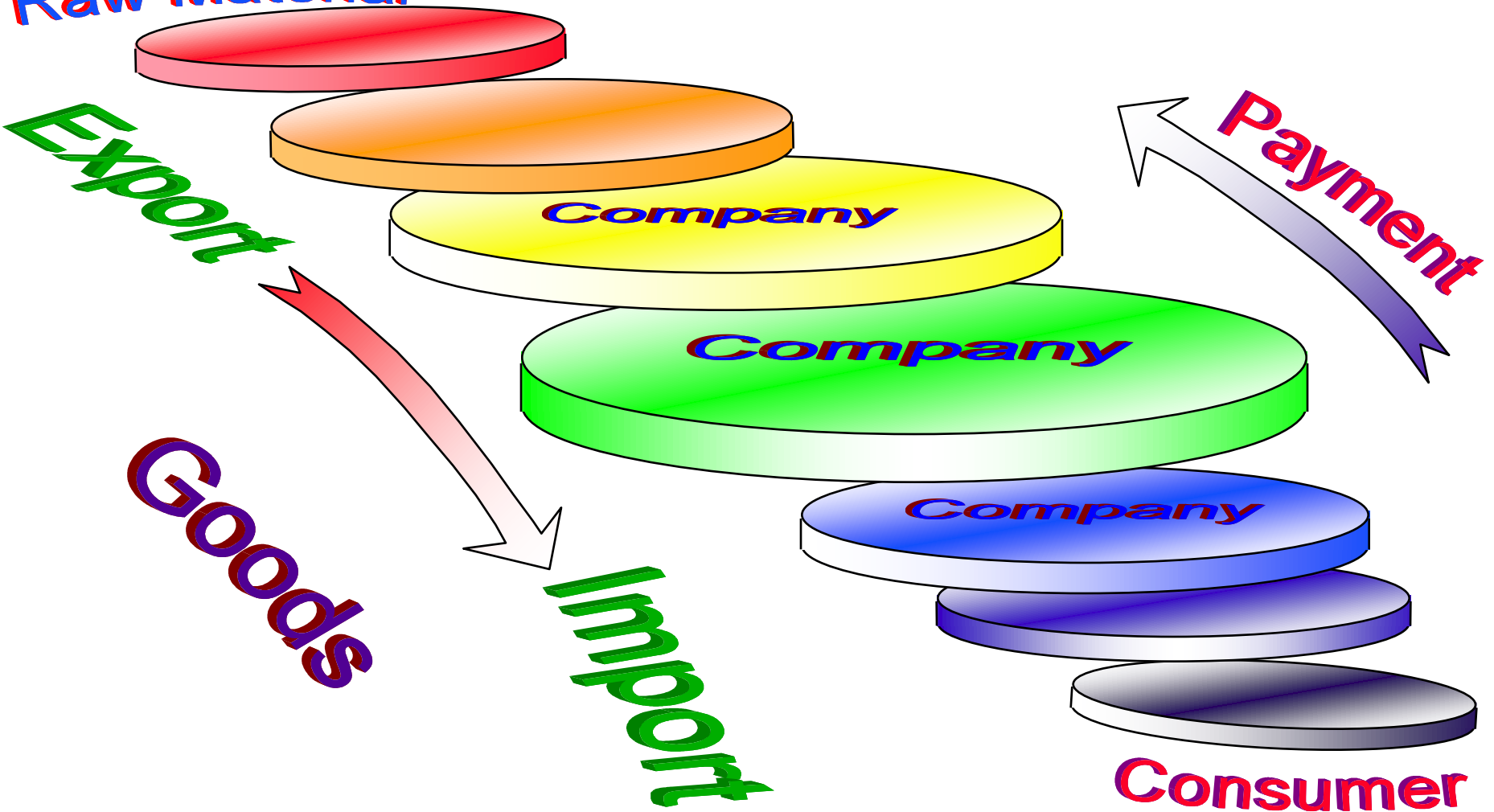
Agenda

- Process Review & Introduction to TradingPOST
- Demo of TradingPOST
- TradingPOST Components
- TradingPOST Functionality
- Pricing
- Cost Justification Model



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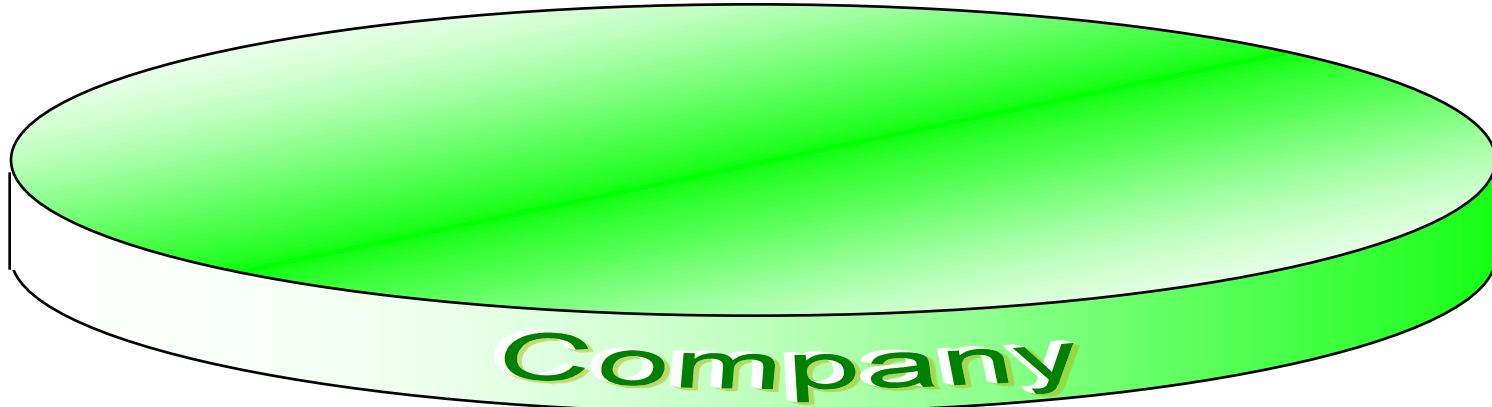
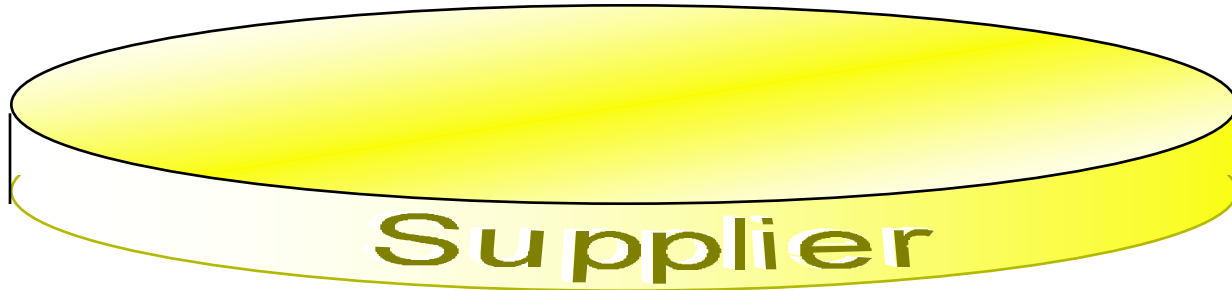
Raw Material



The Complete Supply Chain



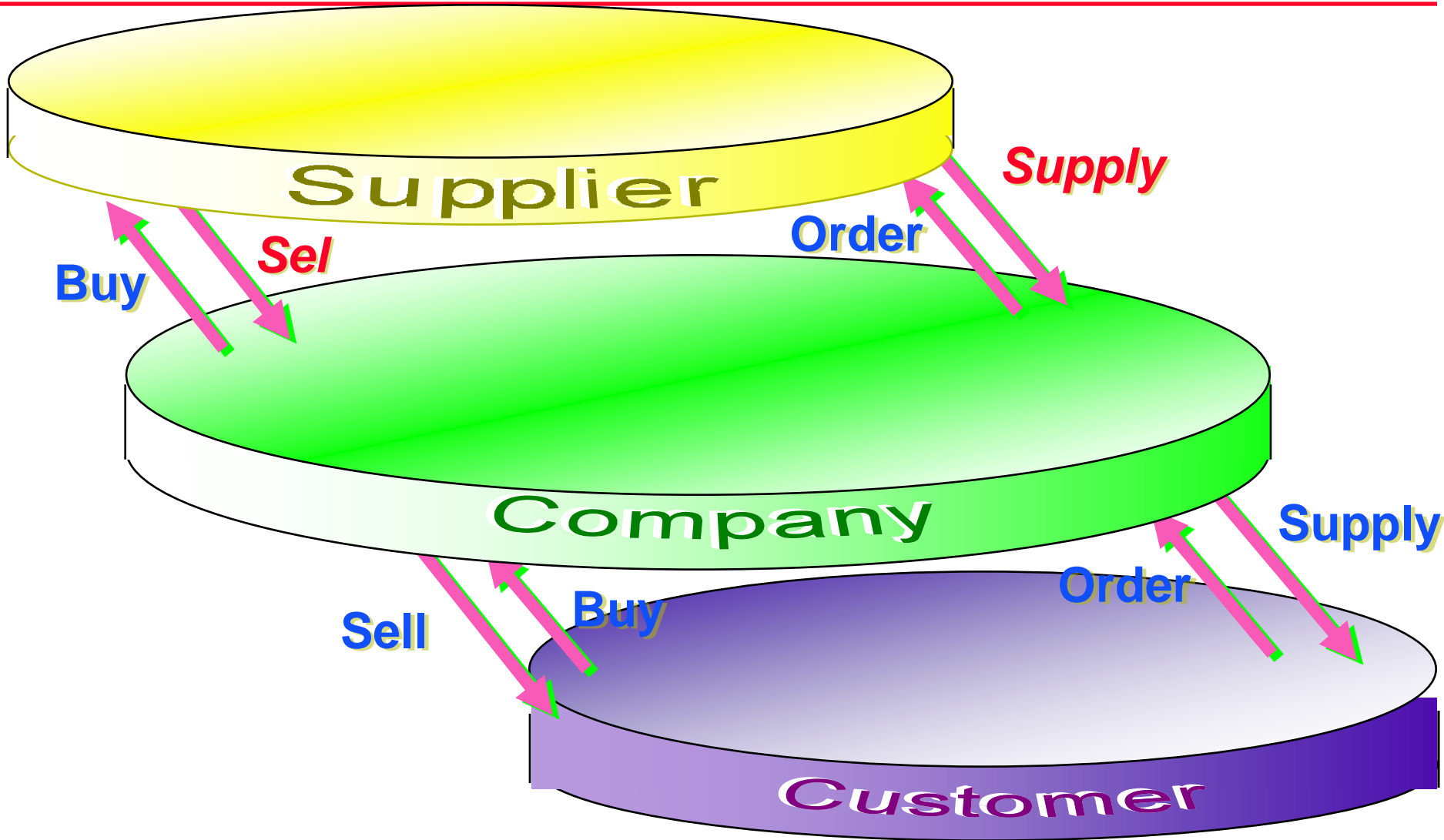
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A Company and its Partners

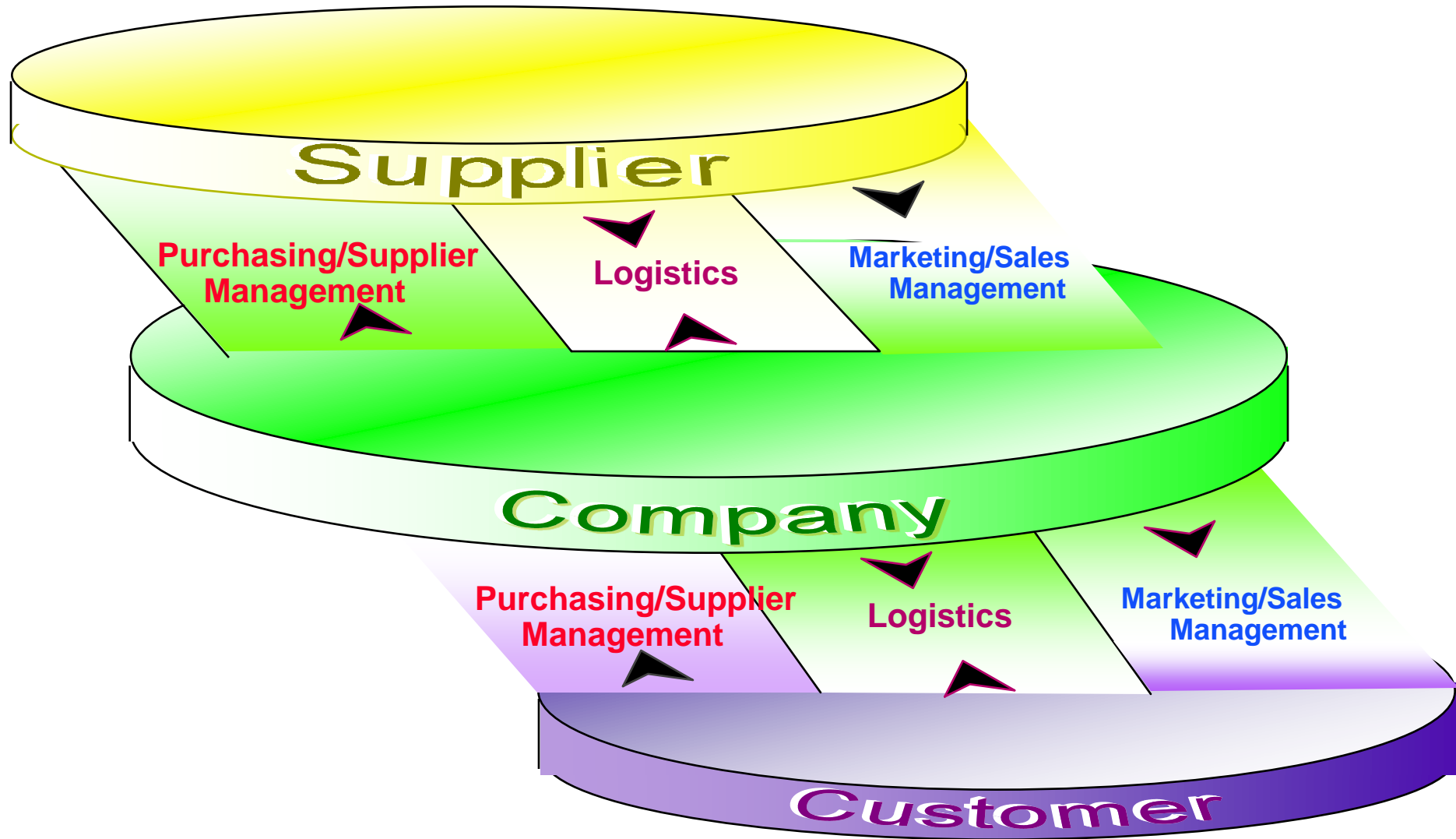


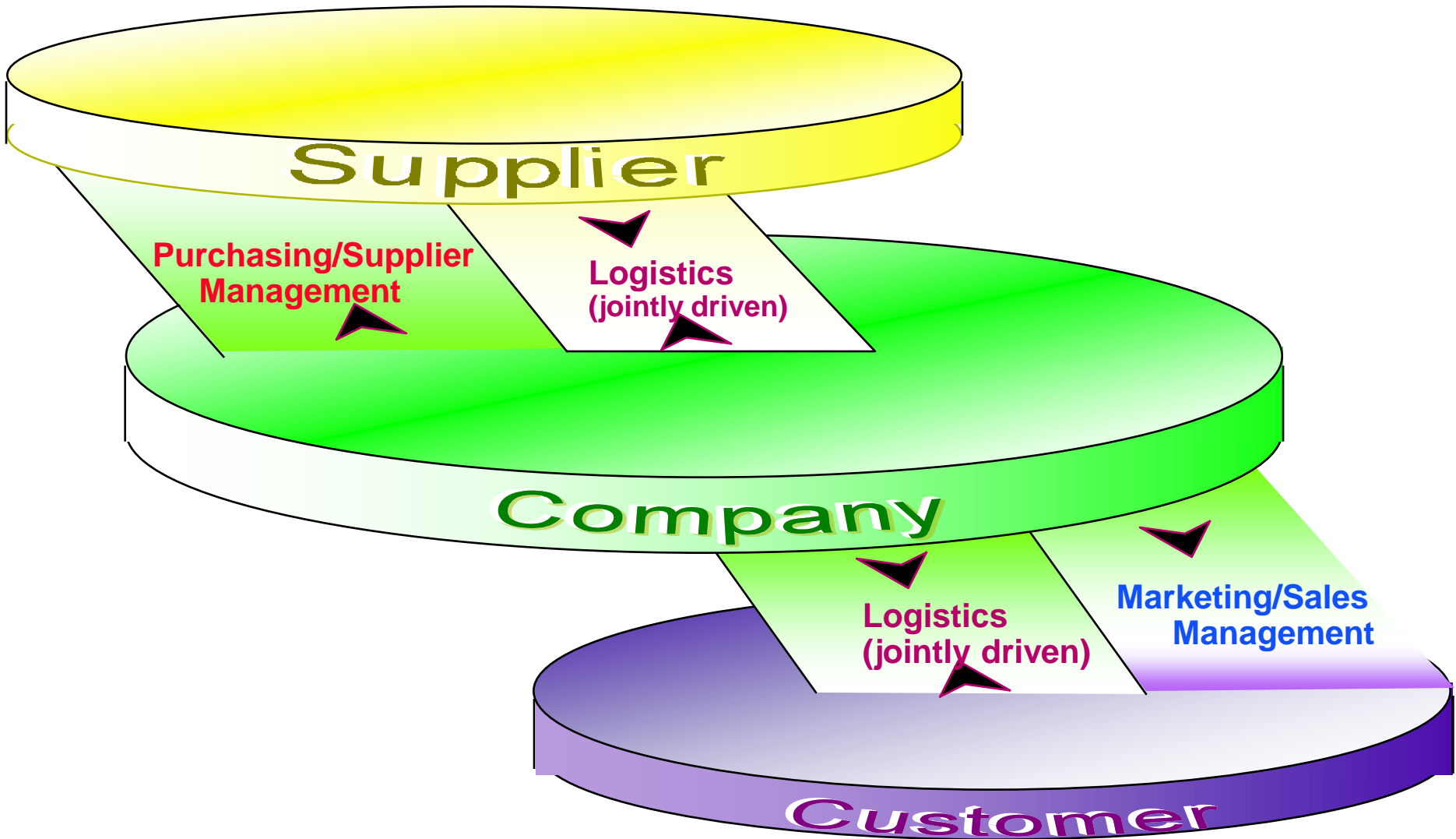
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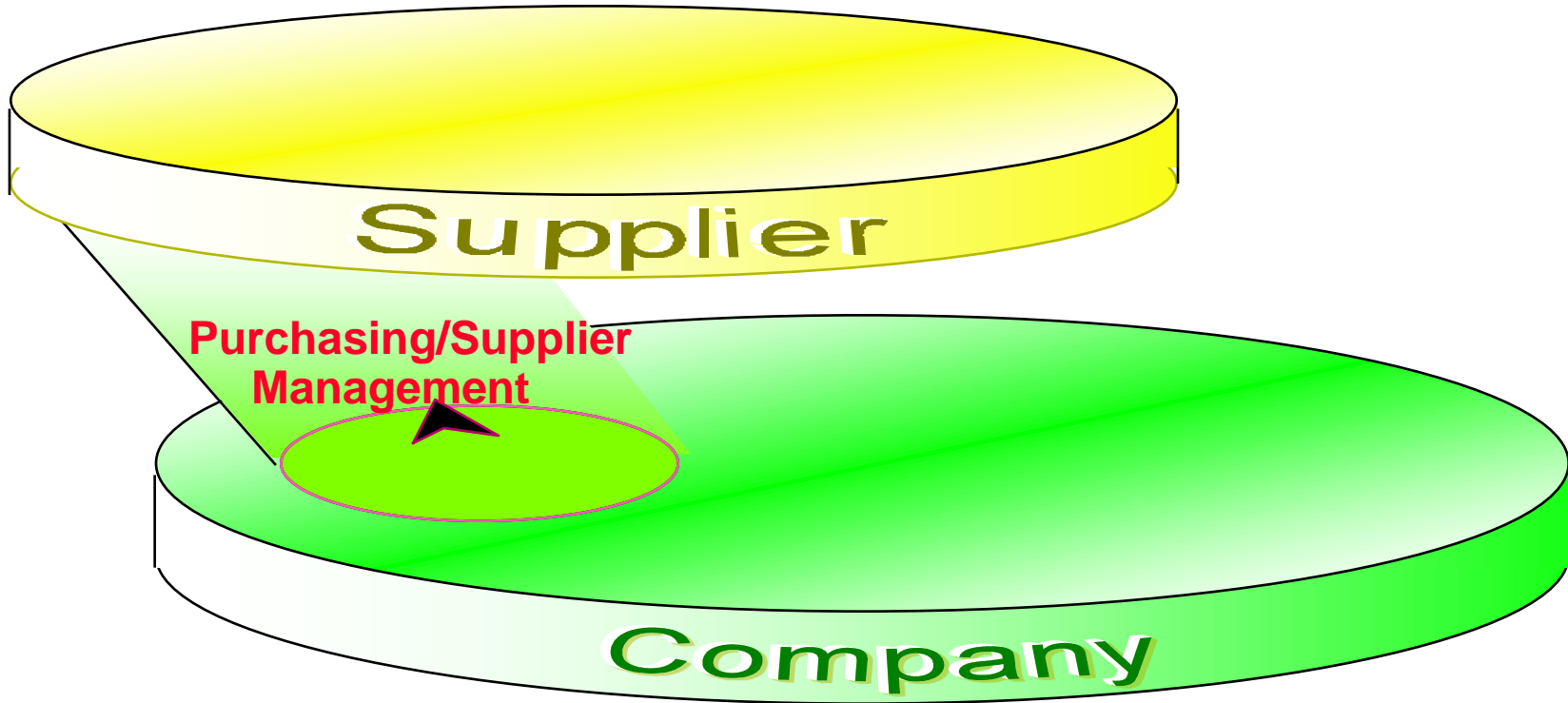


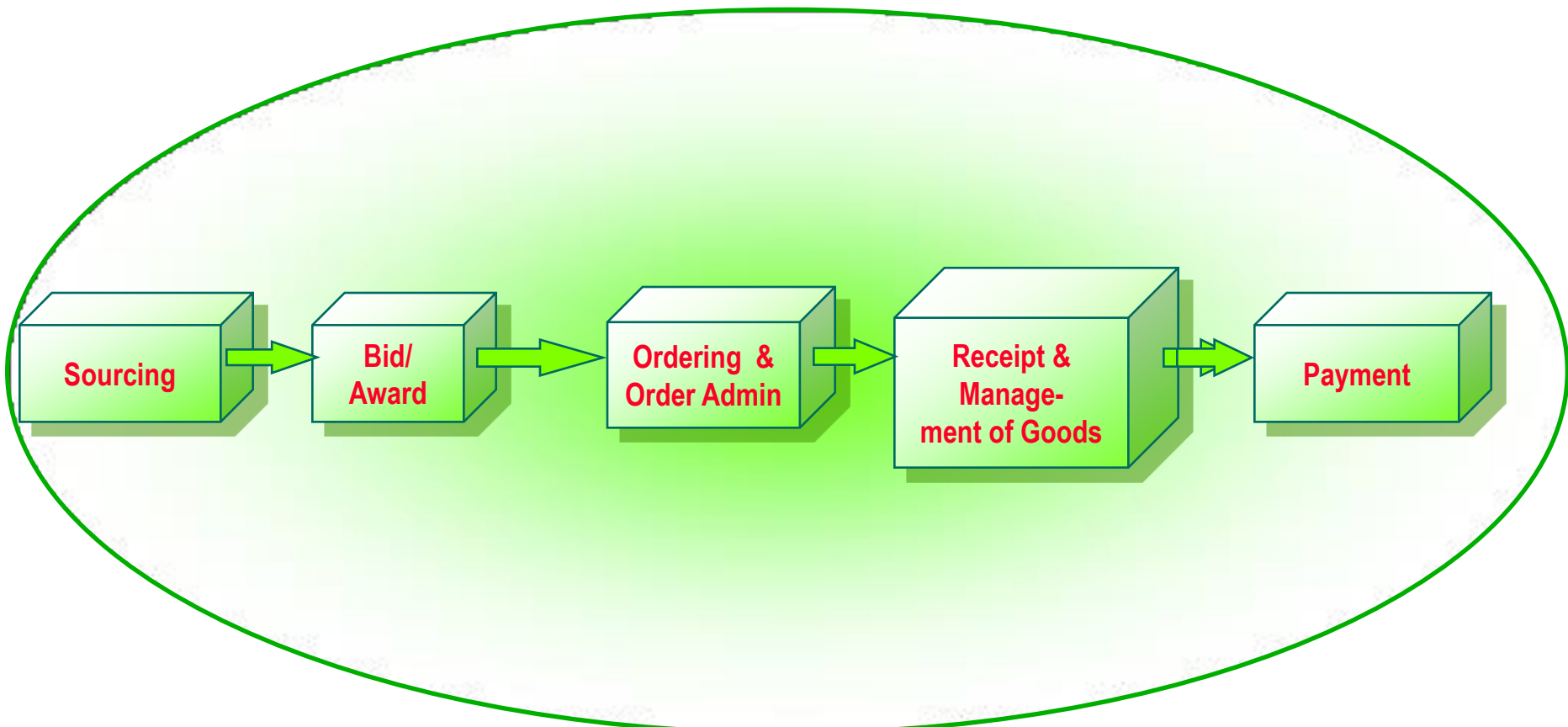
Commercial & Physical Flows



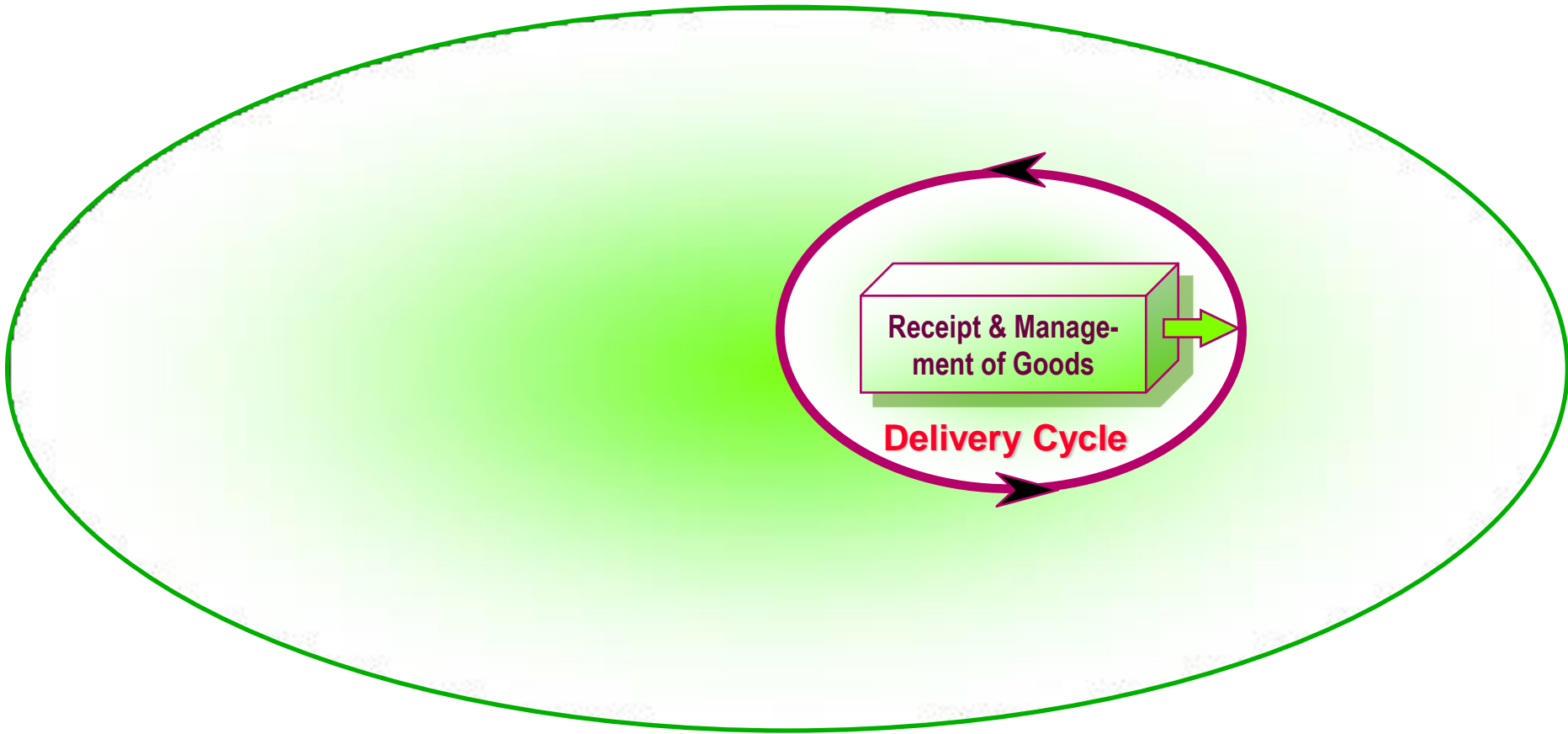




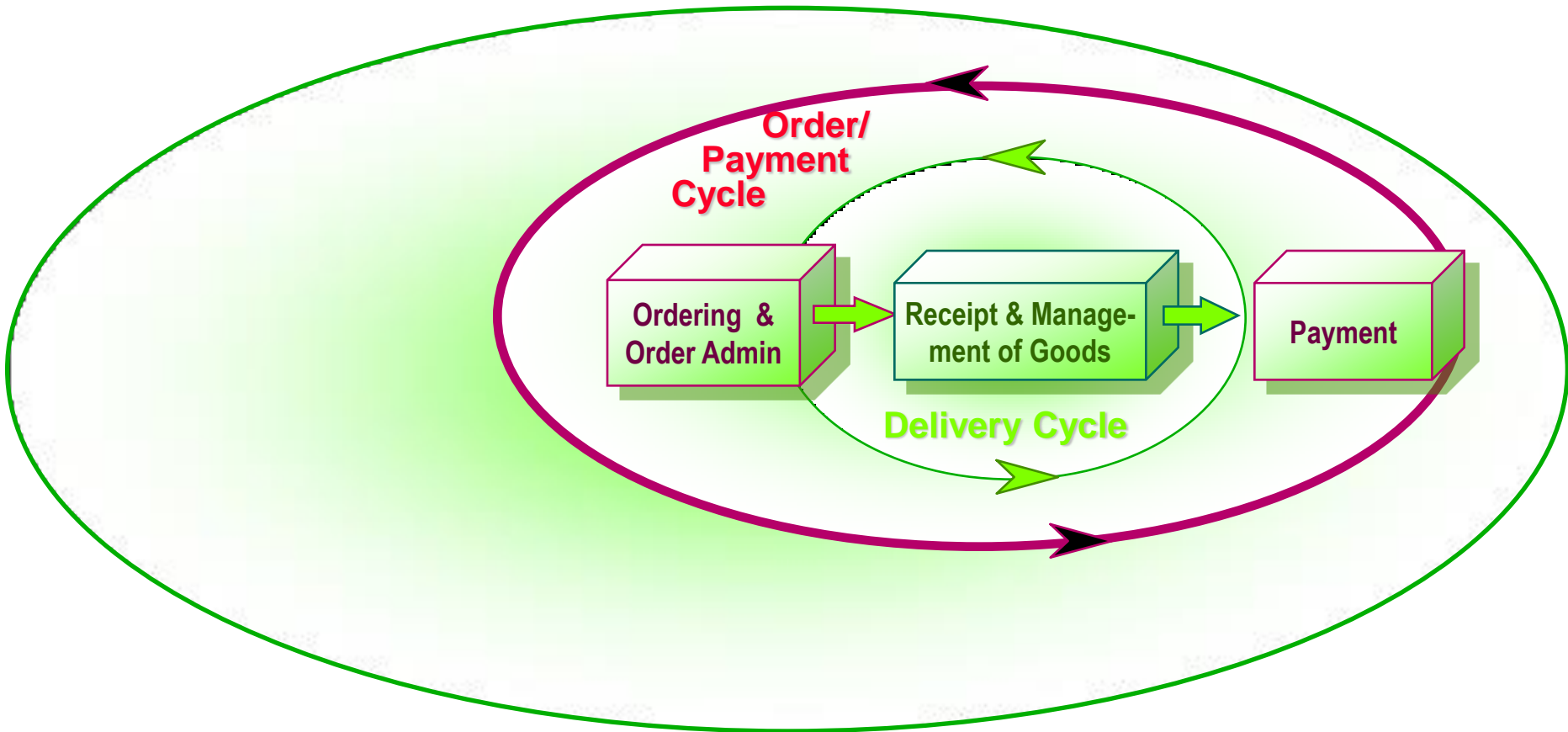




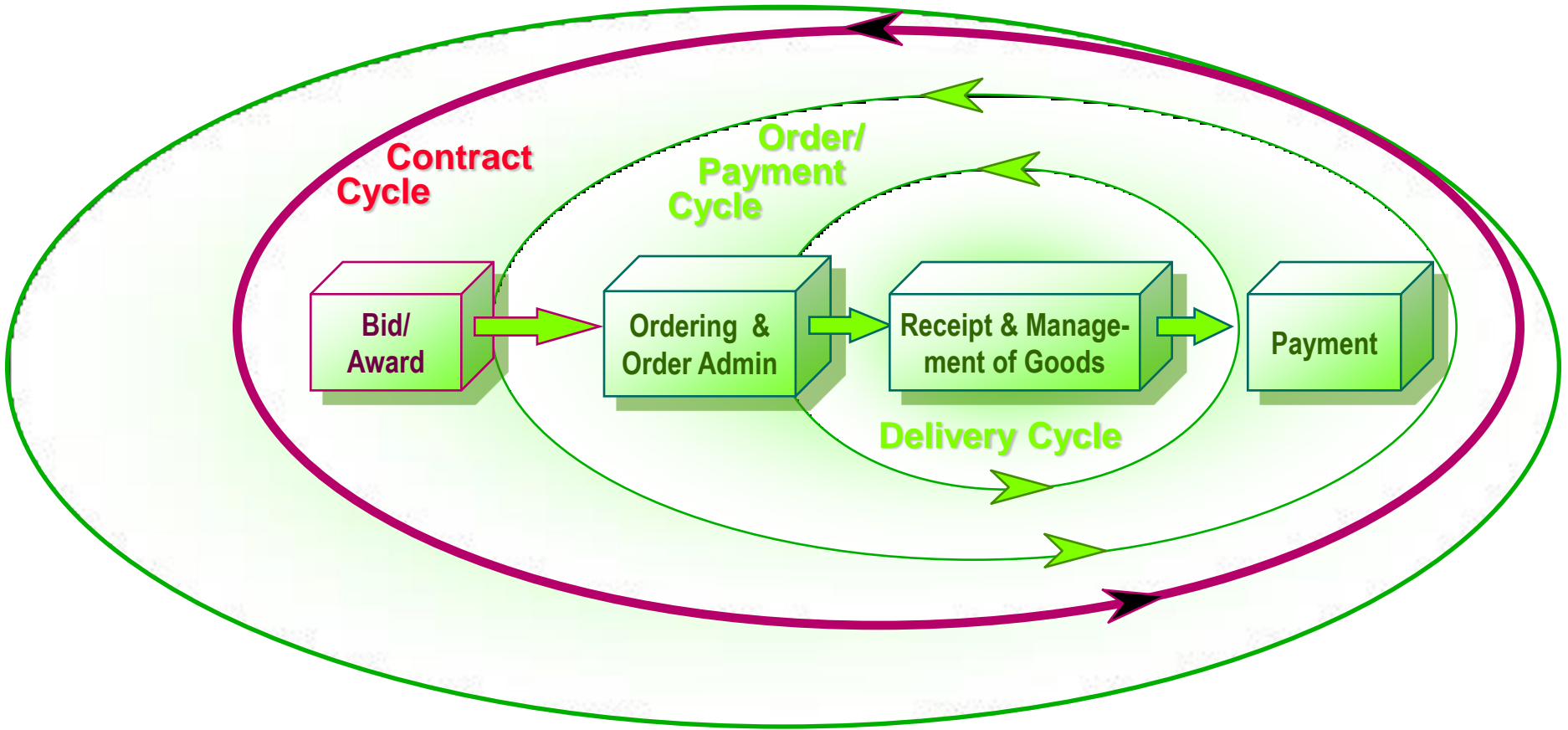
- The Delivery Cycle is dominated by Logistics



- The Order Cycle is dominated by Orders and Payments



- The Contract Cycle is Dominated by Requests, Bids, Award

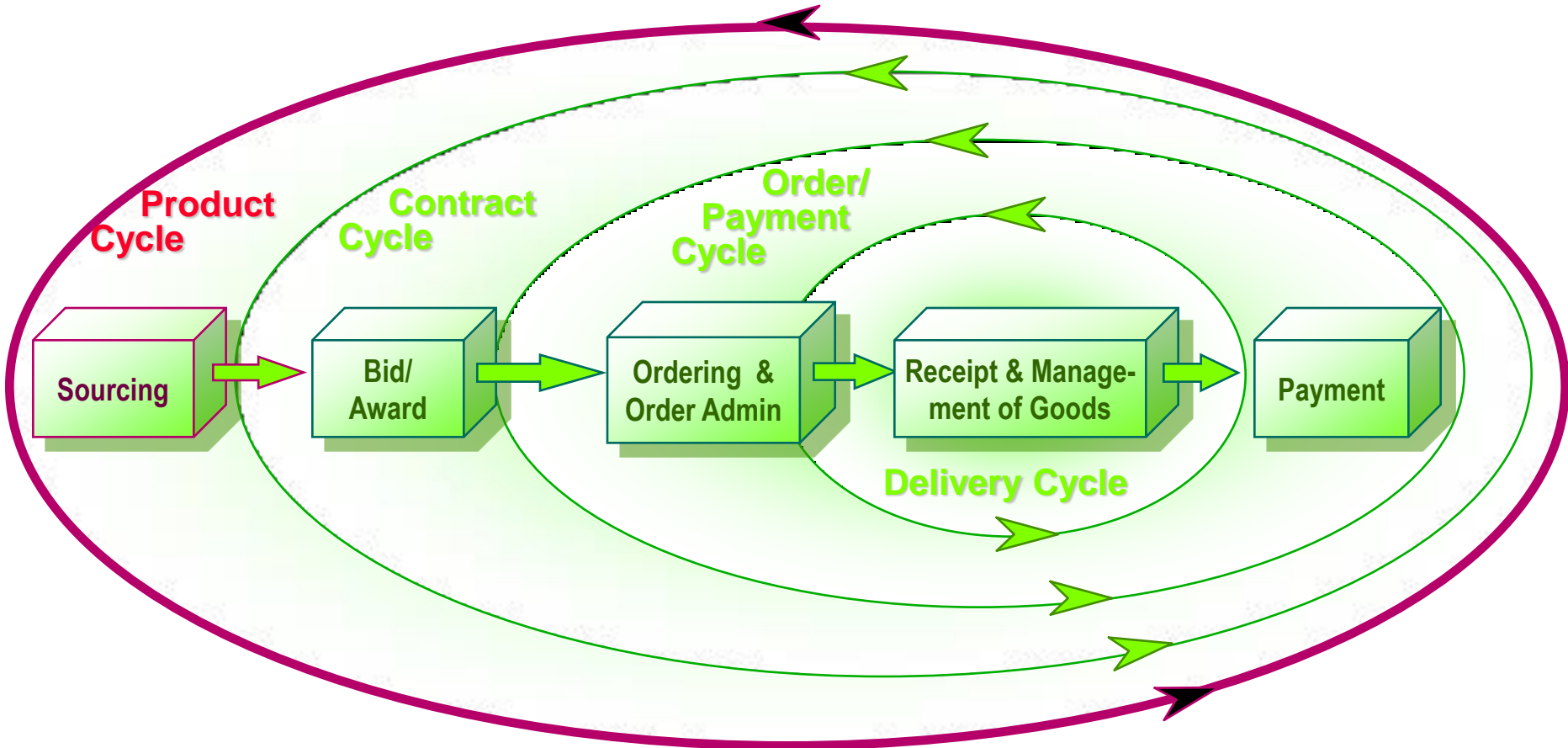


Contract Cycle



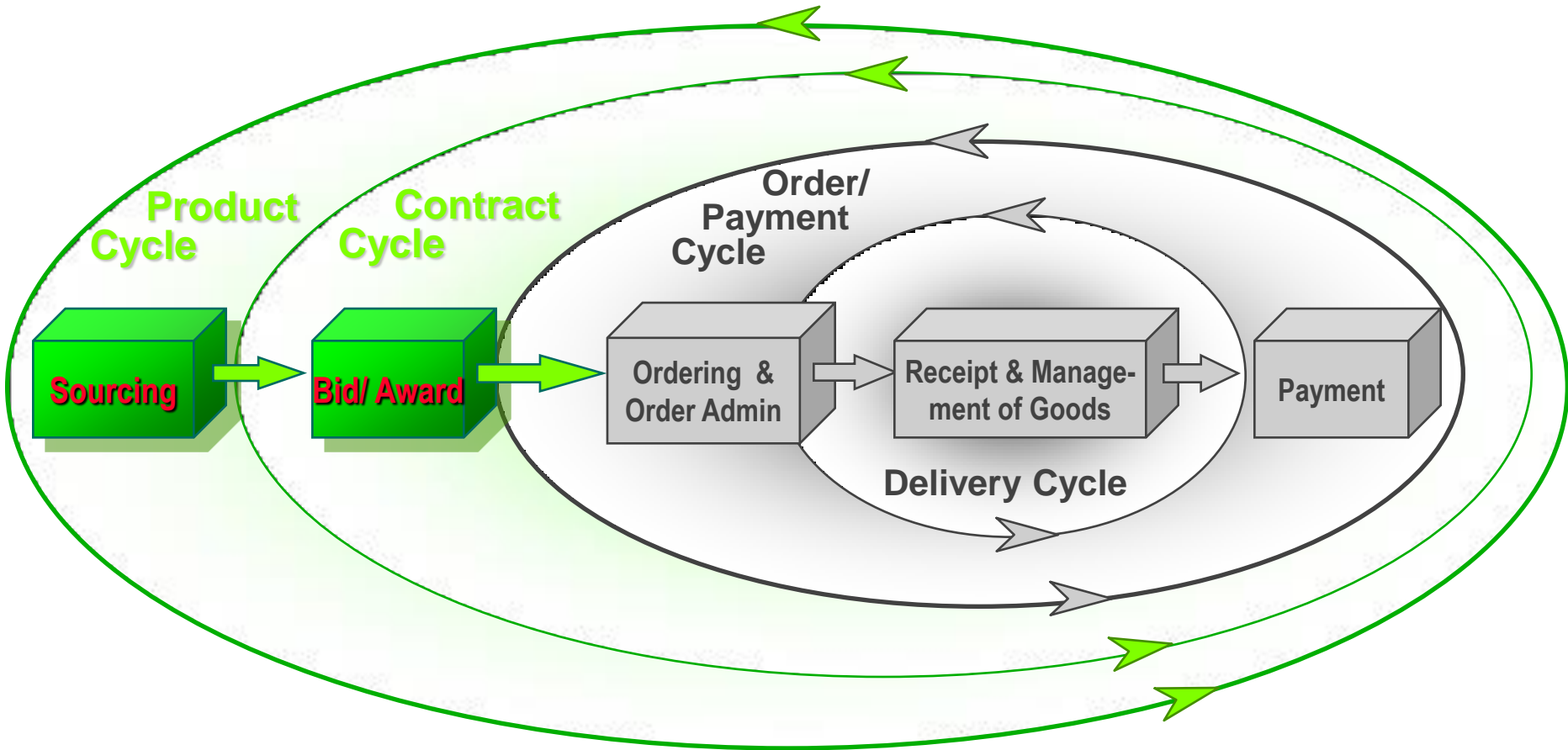
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- The Product Cycle is dominated by Specification, Quality, Pricing



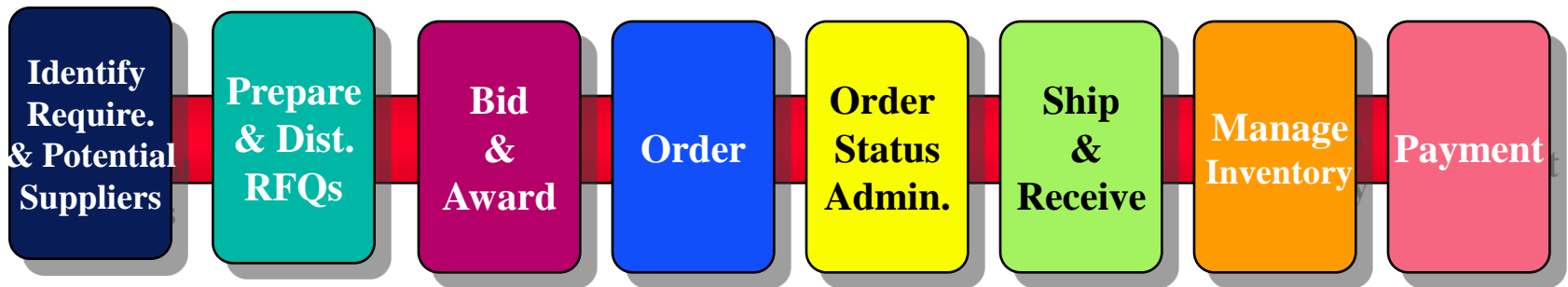
Product Cycle





- **Purchasing/Supplier Productivity is concerned with the Sourcing and Bid/Award Processes**





Pre-Ordering Process

Purchasing Process



Covers part of the Purchasing process:

- **Sourcing**
- **Bid/Award**
- **Ordering and Order Administration**
- **Receipt and Management of Goods**
- **Payment**



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Buyer

- 1 Company has need to source product/service
- 2 Buyer creates RFQ
- 3 Buyer Identifies Potential Suppliers
- 4 Buyer Distributes RFQs to Suppliers

Supplier

RFQ = "Request for Quotation"



GE Information Services

Buyer

- 1 Company has need to source product/service
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Supplier

- 5 Suppliers Review RFQs from Buyers
- 6 Suppliers Submit Quotes to Buyers

RFQ = "Request for Quotation"



GE Information Services

Buyer

- 1 Company has need to source product/service
- 2 Buyer creates RFQ
- 3 Buyer Identifies Potential Suppliers
- 4 Buyer Distributes RFQs to Suppliers
- 7 Buyer Evaluates Quotes from Suppliers
- 8 Buyer Awards Business to Selected Suppliers

Supplier

- 5 Suppliers Review RFQs from Buyers
- 6 Suppliers Submit Quotes to Buyers

RFQ = "Request for Quotation"



- **Manual RFQ Distribution to multiple suppliers**
- **Time crunch**
- **Finding new sources of suppliers**
- **Buyers time on non-value added activities**
- **Limited resources**
- **In past, sourcing process not viewed as strategic**



- **GE TradingPOST**
- **The GEIS business productivity solution that supports the business-to-business buying and selling of industrial goods and services.**
- **A secure on-line commerce network linking buyers & suppliers**
- **A suite of tools for conducting interactive negotiations**

What Is GE TradingPOST?



- GE Marketplace 7/94-7/95
 - \$250 Million of GE Business available for bid
 - Worldwide implementation
 - BNET based, Mark III
- GE TradingPOST 6/96
 - GEIS commercial offering
 - Multiple round, private offer, Internet
 - GE Company first client of GE TradingPOST, \$1Billion buy in 1996





- 1) Suppliers register for TradingPOST by completing prequalification form on TradingPOST Home Page
- 2) Buyer searches in TradingPOST supplier database and selects suppliers (list of suppliers downloaded to CMT)
- 3) Buyer prepares and uploads RFQs and supplier list.





- 4) Based on buyer's selection, suppliers are notified of the upcoming project that they have been invited to bid on.
- 5) Suppliers search on database and download selected RFQs, fill in response and submit quote.
- 6) Buyer evaluates suppliers' responses, invite suppliers back for additional rounds and make final selection.



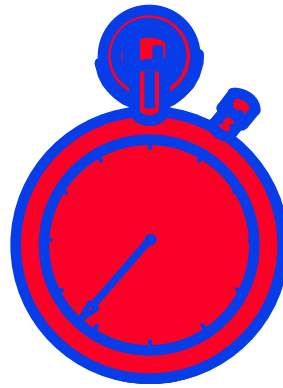
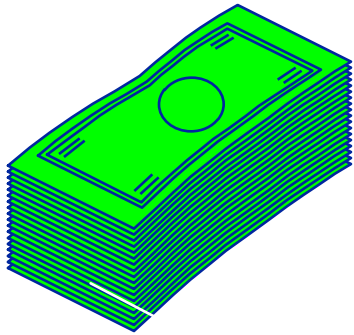
- **Register for TradingPOST Service**
- **Validation via Dunn and Bradstreet**
- **Look for buying organisations of interest**
- **Look for buying projects of interest**
- **Receive and consider relevant Requests for Quotation (RFQs)**
- **Bid for business as desired**



- ***Action-consulting* study**
- **Detail and sign service contract**
- **Consultancy, implementation and training**
- **Organise & load RFQ materials onto TradingPOST**
- **List, select and invite suitable suppliers**
- **Manage the bidding round(s)**
- **Select and notify successful suppliers**
- **Final qualification; sign contracts**



- **Three Major Procurement Challenges**

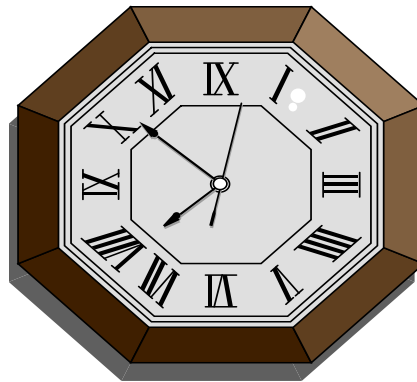
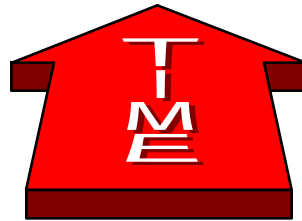


- **Three Major Procurement Challenges**

Length of Purchasing Cycle

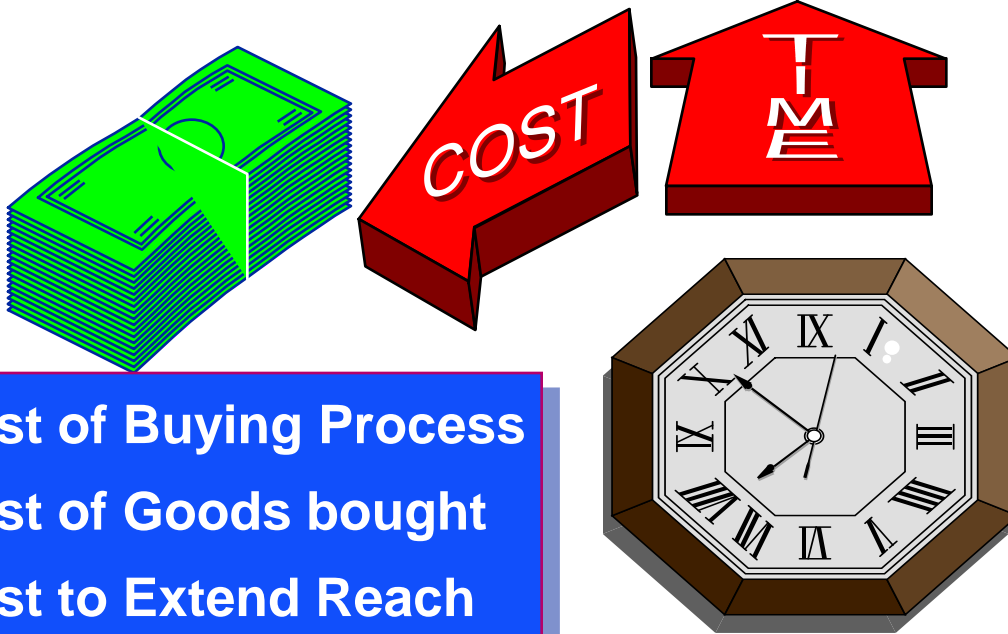
Uncertainty

Poor Speed to Market



- **Three Major Procurement Challenges**

Length of Purchasing Cycle
Uncertainty
Poor Speed to Market

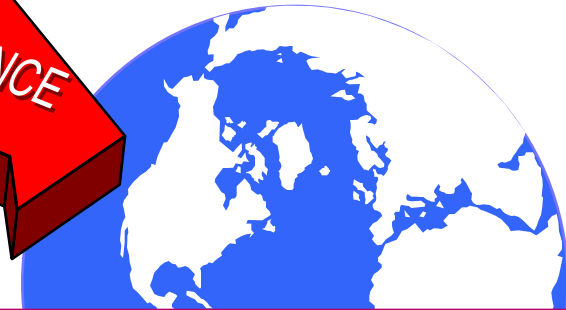
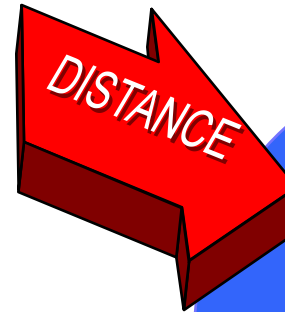
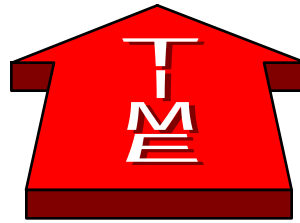
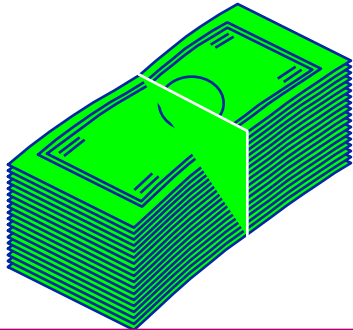


Cost of Buying Process
Cost of Goods bought
Cost to Extend Reach

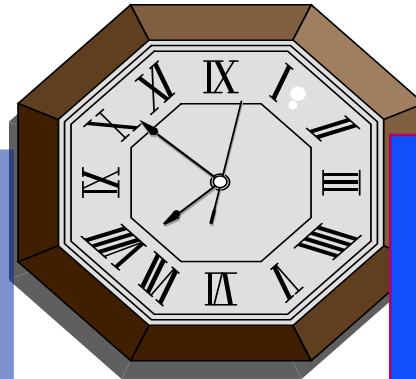


• Three Major Procurement Challenges

Length of Purchasing Cycle
Uncertainty
Poor Speed to Market



Cost of Buying Process
Cost of Goods bought
Cost to Extend Reach



Short Horizons, Narrow View
Communications Problems
Lack of Know-how, Presence

Challenges to a Buyer



- **Higher buying costs=lower strategic gains**
 - More planning/rationalising, less paperwork/donkeywork
- **Increase in cost of materials = decrease in earnings**
 - By sourcing from a wider choice of suppliers, you can benefit from better prices



- **Speed-to-market = competitive edge**
 - New product introduction is time-critical
 - Purchasing is on the critical path
 - Purchasing is as time-critical as design & development
 - Quicker, cleaner purchasing essential during rush to market
 - It only takes one component to hold up the new production
- **Delays in purchasing = production bottlenecks**
- **Delays in selling = high inventory/excess capacity**
 - Long purchasing cycle limits production flexibility
 - Search for new markets/suppliers/extra volume
 - Modifications/quality upgrades/opportunistic production

Time affects competitive edge



- **Manual RFQ Distribution to multiple suppliers**
- **Time crunch**
- **Finding new sources of suppliers**
- **Buyers time on non-value added activities**
- **Limited resources**
- **In past, sourcing process not viewed as strategic**



Current / Traditional Practice



Current / Traditional Practice



Strategic Direction



Current / Traditional Practice



Strategic Direction

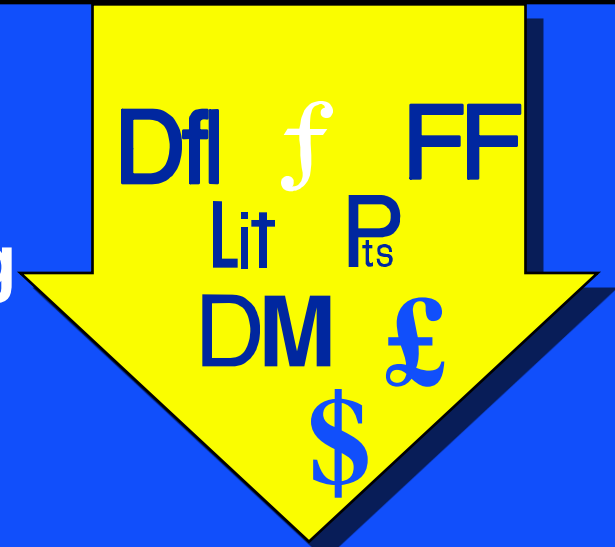
Value-added



- **Focus on “VALUE ADDED ACTIVITIES”**



- **Speed**
 - Reducing cycle time
 - Time pressure is in sourcing
- **Piece Part Price Reduction**
- **People**
 - Get them to focus on value added activities
- **Materials**



Consulting

Software

Supplier Database Access

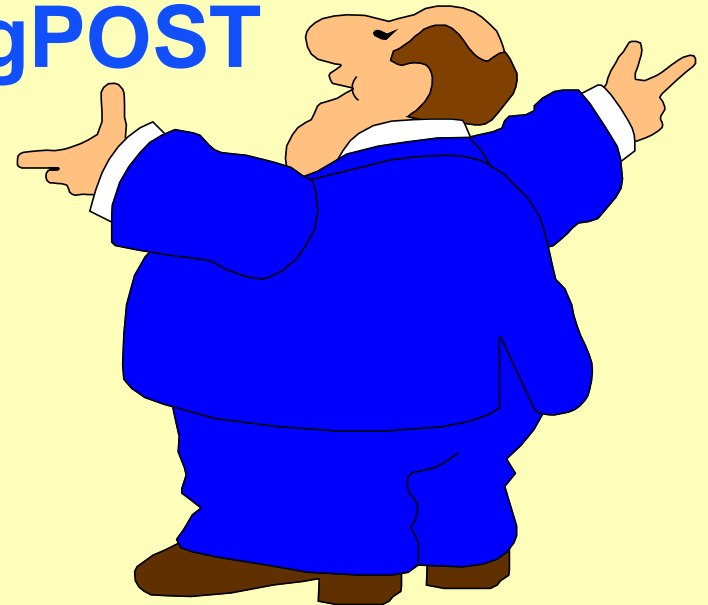
Ongoing Transactions

Support

TradingPOST - What is the Service?



- **What Commodity**
- **With Whom**
- **When (timing)**
- **How to utilize GE TradingPOST**



Buyer Software

- Netscape Browser
- TradingPOST Suite Manager
- TradeLINK
- TMS View Director
- Trade Management Tool

- Adobe Reader
- Adobe Exchange

Supplier Software

- Netscape Browser
- TrPOST Suite Manager
- TradeLINK
- TMS View Director

- Adobe Reader



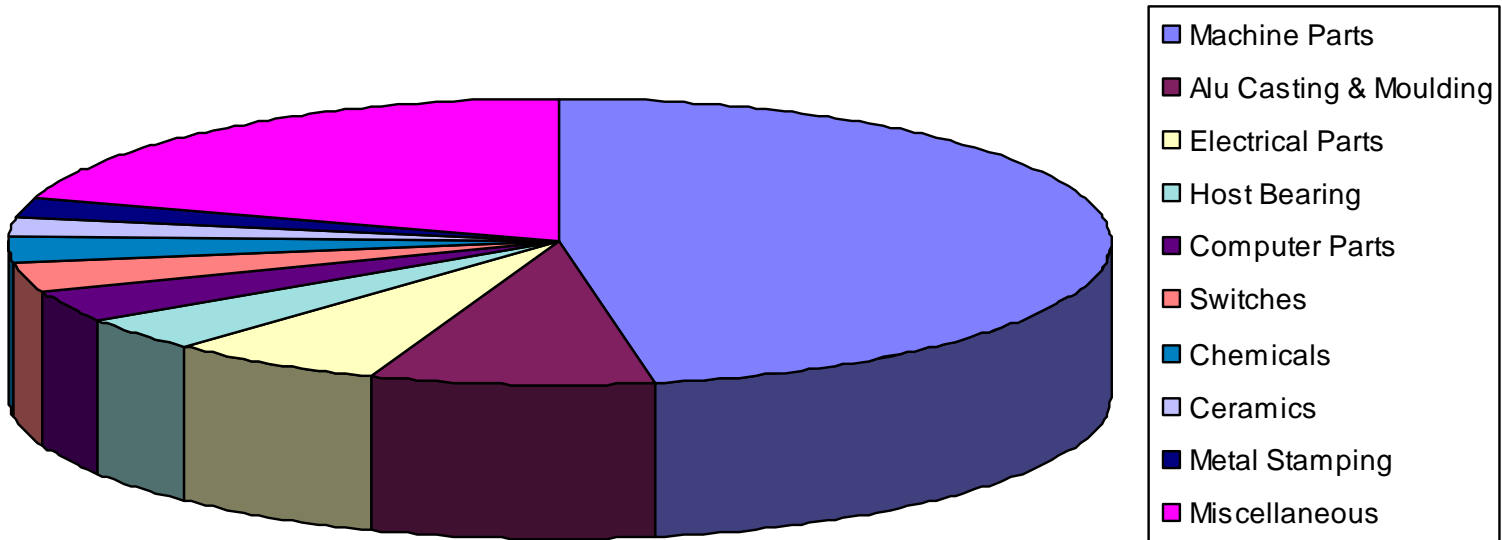
- **GE TrPOST Web Site <http://www.ge.com/tpn>**
- **Opportunity Assessment**
- **Suppliers complete a self-assessment, pre-qualification form**
- **Buyers select suppliers by searching on SIC code, part, financials, etc.**
- **GEIS will distribute software to those suppliers selected**



- **Self-assessment on areas such as:**
 - **Quality System**
 - **Product Quality**
 - **Productivity**
 - **New Product Introduction**
 - **Financial**
- **D&B validation**



Suppliers per Commodity Type

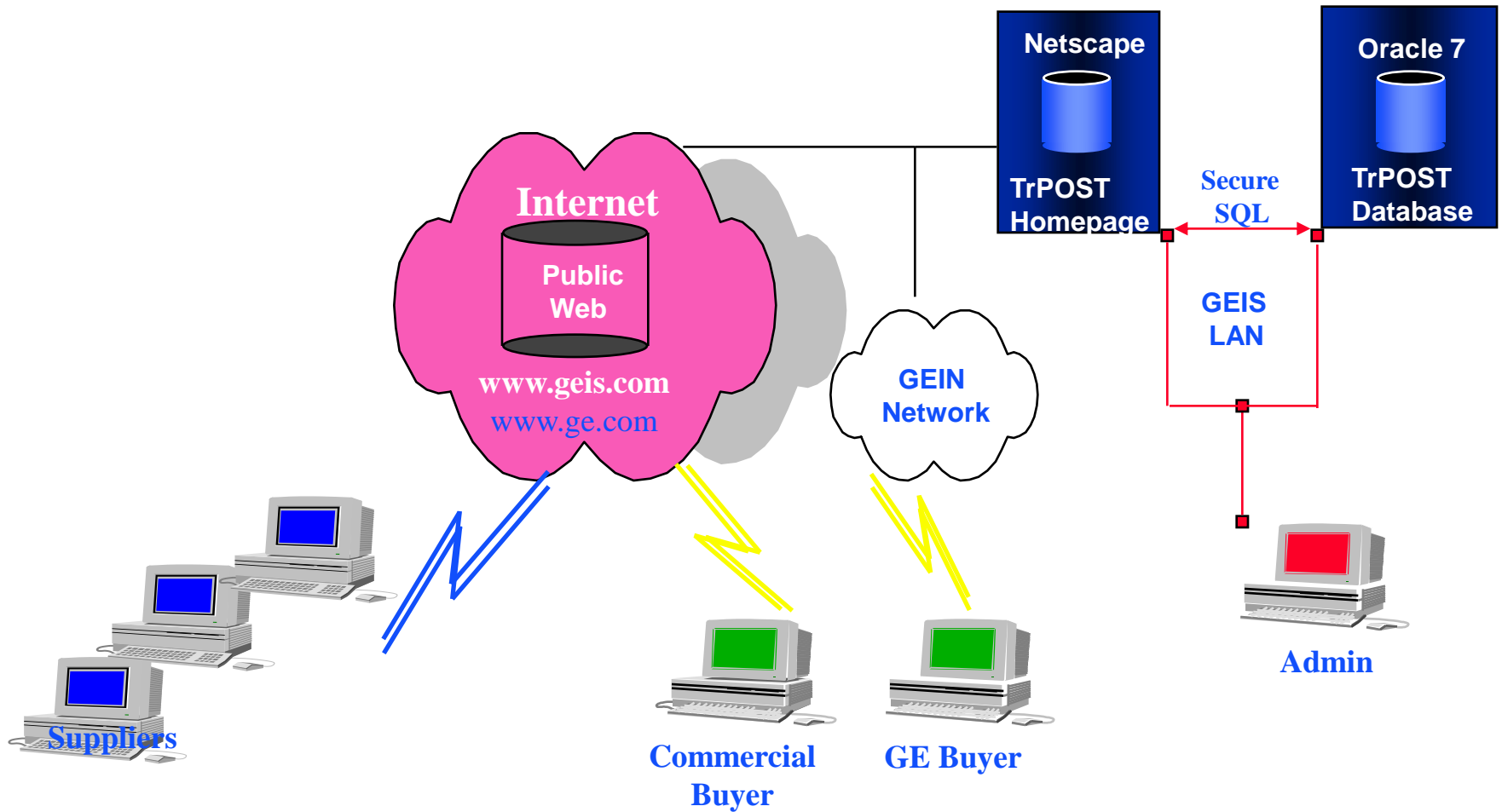


- **Dedicated 800 number for TradingPOST**
- **Advanced Technologies (IVR, Tracking...)**
- **Implementation & Support Services**
 - **Supplier Development Programs**
 - **Web Master Services**
 - **Customized Supplier Invitation Packages**
 - **Order Entitlement and Fulfillment**
 - **Installation and Training**
 - **Technical Implementation and System Administration**
 - **Technical Support**



- **TradingPOST Suite Manager**
- **Trade Management Tool**
- **TradeLINK**





- **Tool to attract and qualify suppliers**
 - Access to GE TradingPOST supplier database
- **Selecting Qualified Suppliers**
 - Once Buyer selects suppliers from database they are notified of upcoming RFQs for quoting
- **Organizing and Distributing RFQ Packages**
 - Prepare and upload RFQs- post only once
- **Receiving Bids & Awarding Business**
 - All bids come into database for evaluation

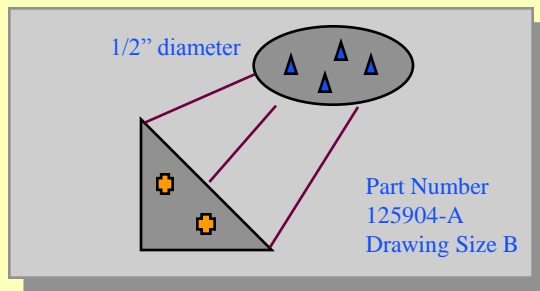
ID
Requirement
& Potential
Suppliers

Prepare
& Dist.
RFQs

Bid
&
Award



- One source for multiple RFQs from multiple companies
- Low cost response vehicle for sending in quotes
- Built in spreadsheet for calculations
- Ability to receive and read engineering drawings at the desktop



Part #	Qty	Target	Your Price	
34069	150	5.74		
450-769	10	25.75		



- **Initial Package -Tiers 1-4**
 - X number of Software Seats
 - Y number of Consulting/Training Days
 - Z number of Bid/Days
 - TradingPOST Client Support Team
- **Add'l software sold at volume discounts**
- **Subscription Packages of Bid Days**
 - X number of bid days for Y dollars
 - Larger the package, lower the price per bid day



- Calculated by multiplying the number of line items in a RFQ by the number of days the item is active in the database

Example:

RFQ contains 10 line items

Active in database for 14 days

= 140 bid days

What is a Bid Day?



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<i>Tier</i>	<i>Price</i>	<i>Wkstns</i>	<i>Pers-days</i>	<i>Bid-Days</i>	<i>Max Duration</i>	<i>Divns</i>
1	\$ 100,000	15	10	4,500	6 months	1
2	\$ 175,000	50	20	15,000	6 months	2
3	\$ 300,000	100	40	30,000	12 months	4
4	\$ 450,000	200	60	60,000	12 months	6
Custom		>200				

US Retail Pricing

Tiered Pricing



(US Retail)

No. of Seats	Price Per Seat
0-15	\$ 500
16-50	\$ 450
51-100	\$ 405
101-200	\$ 365

US Retail Pricing



Subscription Bid/Day Upgrades

- sold up front
- monthly statement sent with total bid/days used

<u>Level</u>	<u>Bid Day</u>	<u>Bid Day Rate</u>	<u>Annual Fee</u>
Bronze	25,000	\$ 1.50	\$ 37,500
Silver	50,000	\$.90	\$ 45,000
Gold	150,000	\$.60	\$ 90,000
Platinum	300,000	\$.45	\$135,000

US Retail Pricing

The Annuity — Bid Day Subscriptions



All additional services outside scope of bundles are charged at standard GEIS service rates

Services include:

- Additional Consulting***
- Content Management***
- Systems Integration***
- Additional Training***
- Additional Support Services***
- Application Outsourcing***



- ***TradingPOST Supplier Software***

—

\$ 200 per licence

US Retail Pricing



Available on InfoTalk:

GEIS Products & Services

BUSINESS PRODUCTIVITY SOLUTIONS
(BPS)

PURCHASING/SUPPLIER PROD. SOLUTION
(PSP)

PSP SALES TOOLS

COST BENEFIT MODEL



- **GEIS Consulting /Client Meeting**
 - within one week of contract signature
 - up to 10 days consulting if needed
- **Software delivered to client**
 - 1 week of notifying TradingPOST support team
- **20 domestic suppliers implemented**
 - 2-3 weeks after receipt of client supplier list
- **Ready to receive quotes**
 - immediately after posting RFQs



- **Unique, comprehensive offering**
- **In the past, sourcing not viewed as strategic**
- **Companies now are much less vertically integrated**
- **Pendulum swing -from *squeezing* suppliers to *partnering* with suppliers: GE TradingPOST helps provide balance**



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TradingPOST - please!

GE TradingPOST... Why Now?



- **Access to GE TradingPOST supplier database**
- **Aggressive recruitment of suppliers by GEIS to join database**
- **Experienced implementation & support team (implemented 40,000 companies)**
- **Internet based service, minimal cost of entry for suppliers**
- **Sourcing consulting expertise**

Why buy GE TradingPOST from GEIS?



Bottlenecks

Finding new sources of suppliers

Manual RFQ distribution to multiple suppliers

Buyers spending time on non-value added activities

Time Crunch

Benefits

Access to TradingPOST supplier database

One time posting of RFQ to database

TradingPOST allows buyers to focus on strategic negotiations

Reduces cycle time, goods are purchased more efficiently



GE Information Services

- **Buyers**
 - Improved process efficiency
 - Ability to source from a larger supplier base
 - Buyers focus on value-added activities
 - Global Supplier communications
 - Reduced cost of goods
- **Suppliers**
 - Increased access to RFQs from multiple divisions, companies
 - Decreased Marketing and Sales expense
 - Shorter selling cycle
 - New access to business

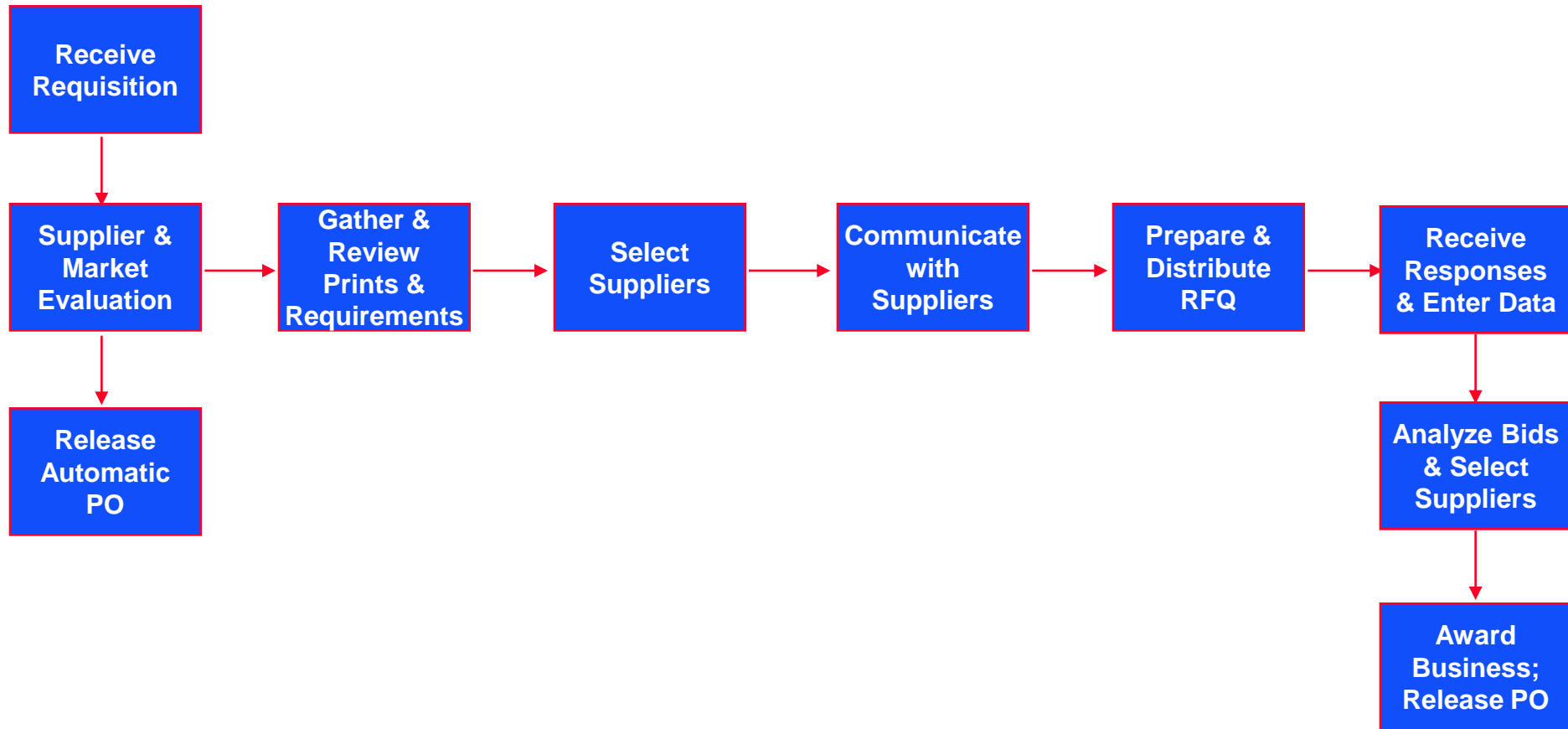


A Large Industrial Manufacturer A Case Study in Productivity

**Integrating a Parts Requisition System
with the
GE Trading Process Network**



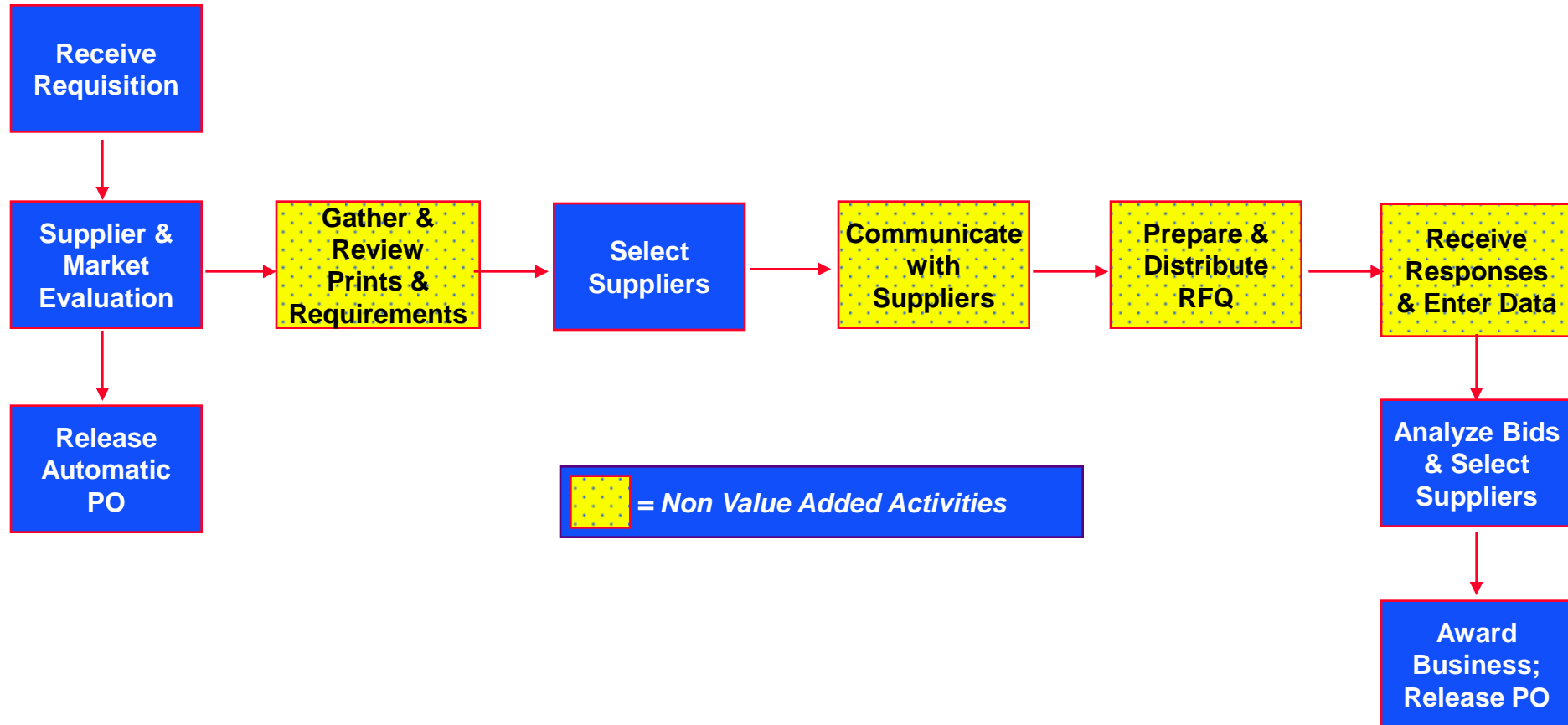
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Traditional Contracting Process



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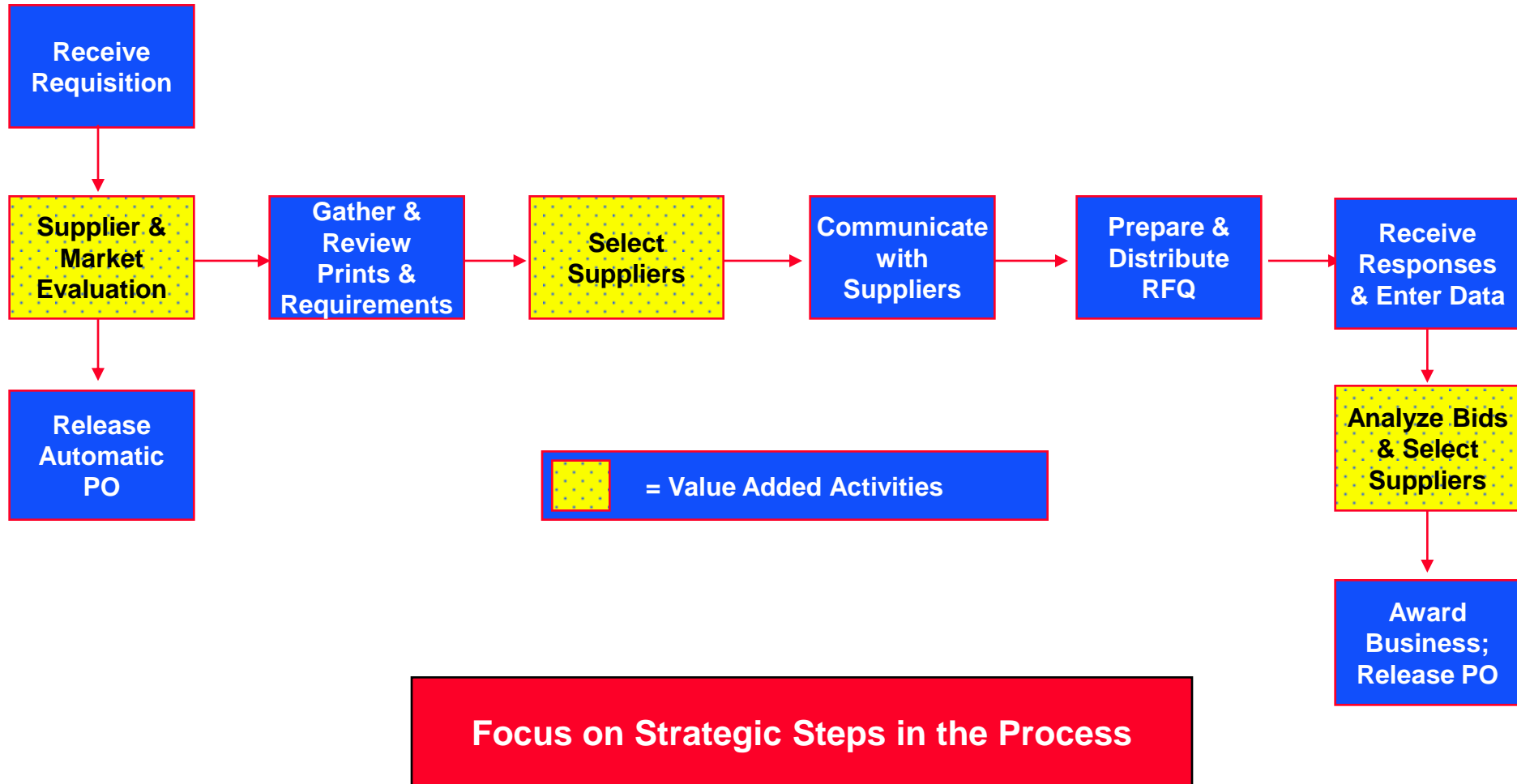


Industrial Manufacturer is Integrating Requisition System, Print Rasterization, and TPN to Drive Productivity

Traditional Contracting Process



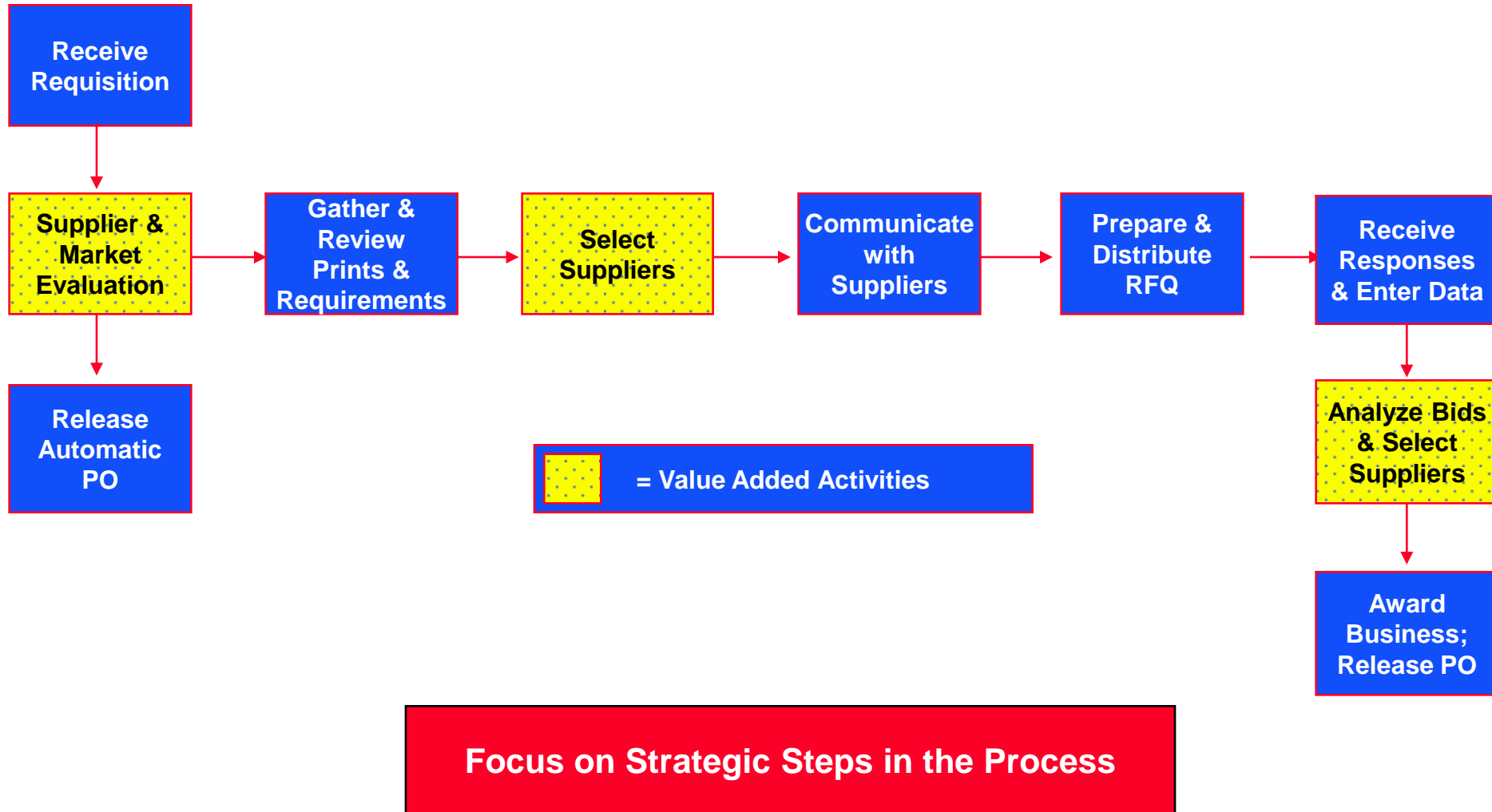
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Traditional Contracting Process



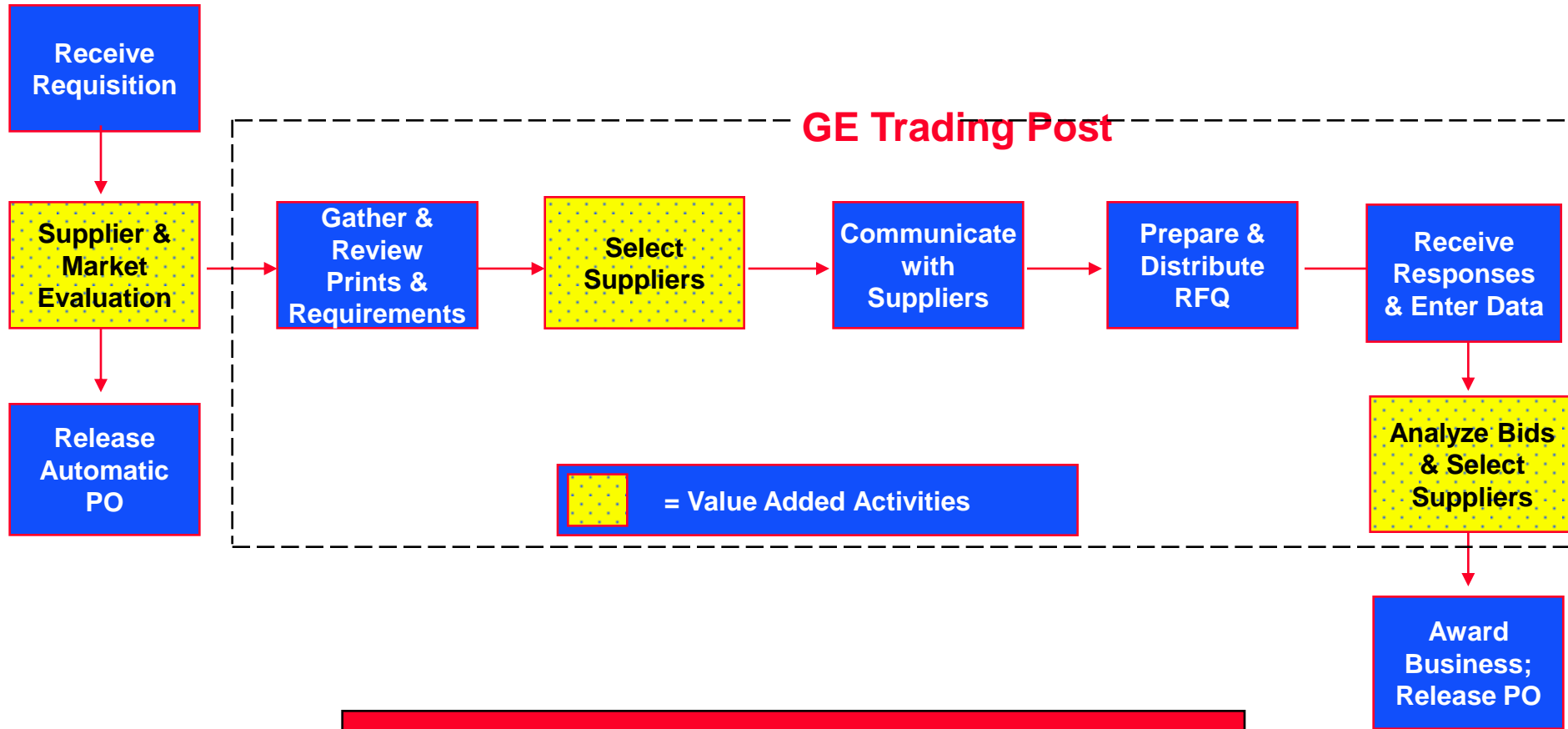
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Traditional Contracting Process



GE Information Services



GE TPN Helps Drive Contracting Productivity

Proposed '96 Contracting Process





- Reduce order-to-remittance cycle time by 50%
- Allow Contracting Agents to be more strategic and less transactional
 - Qualifying new global and domestic suppliers*
 - Working on projects in the plans*
 - Strengthening relationships with existing suppliers*
- Quote more parts to a larger pool of qualified suppliers





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Year	# Agents	# Suppliers	Quote
1995	2	56	5,100
1996 (est.)	2	100	10,000

- Increase transactional quality and efficiency through automation (projected \$15,000-\$20,000 cost take-out)



Nov 1994 to June 1995

- \$250 million with 850 suppliers
- 10 broad commodity areas
- 10% of suppliers from Europe

Corporate does not want auction
marketed commercially



- **The cost & time required to realize paper savings were very high**
- **Auction style is not as applicable across GE**
- **GE focused on process efficiency Vs piece part reductions**
- **GE businesses moving from competitive bidding with many suppliers towards partnerships**
- **Large scale adoption by buying and selling communities requires; ease of use, low cost, high reliability**



- **July 1995**
 - **\$20 million with 80 suppliers**
 - **Three commodity areas**
- **Broader acceptance across GE & supplier base**
- **Initial feedback:**
 - Primary benefit = process efficiency**
 - Secondary benefit = price savings**



- **Nine out of 13 businesses committed to ramping buyers and suppliers in 1996**
- **Tremendous system integration and add on services opportunity**
- **Up front supplier matching and pre-qualification critical to competitive bidding effectiveness-- focus on supplier database**

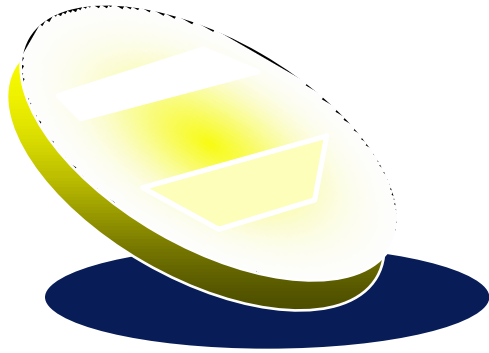


- **Leverage GE's volume to build a robust supplier database for supplier ID & development**
- **Develop in-depth case studies based on GE implementations of GE TPN**
- **Educate field on :**
 - **Solution Selling and Positioning**
 - **Industry Trends/Characteristics**



- **Focus Marketing/Consultants on top 100 large industrial accounts for GE TradingPOST**
- **Regional account strategy sessions with Marketing, Consulting, PSP sales beginning March 15**





Go for the Gold!!!

