Operations Management

Your Company Name

Outline

Introduction

- Background
- Operations Management Process
- Operational Goals
- Process Timeline
- Competitive Analysis
  - *Competitive Analysis Value Map*
  - *Competitive criteria for Service Operation*
- Strategy
  - *Competitive Strategies*
  - *Strategies for forward and backward integration*
  - *Operation Strategies*
- Productivity Table
- Forecasting Table

Background

Places of Operation

- *Your Text Here*
- *Your Text Here*
- *Your Text Here*

Major Lines of Product

- *Your Text Here*
- *Your Text Here*
- *Your Text Here*

Employees

300

Annual Sales

2.5 Billion

Facility, Products/ Services Investigated

- *Your Text Here*
- *Your Text Here*
- *Your Text Here*

Operation Management 8 Step Process (1/2)

Input
- *Raw material*
- *Human resources*
- *Land*
- *Building*

Operation & Strategy
- *Text Here*
- *Text Here*
- *Text Here*

Control Process
- *Text Here*
- *Text Here*
- *Text Here*

Product & Services
- *Text Here*
- *Text Here*
- *Text Here*

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- *Text Here*
- *Text Here*

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Output
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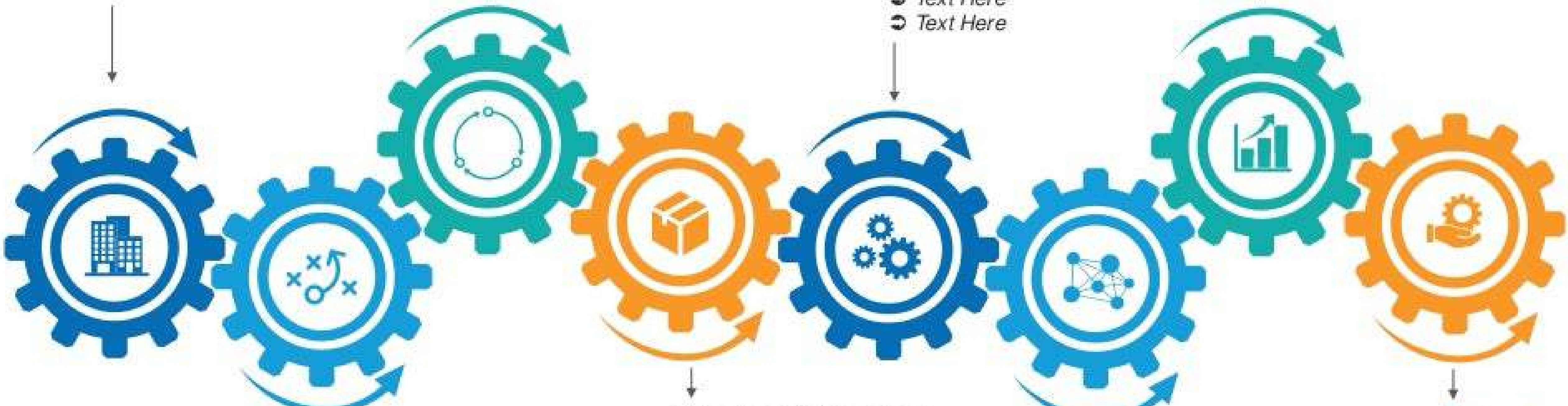
- *Text Here*
- *Text Here*



Operation Management 7 Step Process (1/2)

Input
- Raw material
- Human resources
- Land
- Building

Control Process
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- Text Here
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- Text Here

Output
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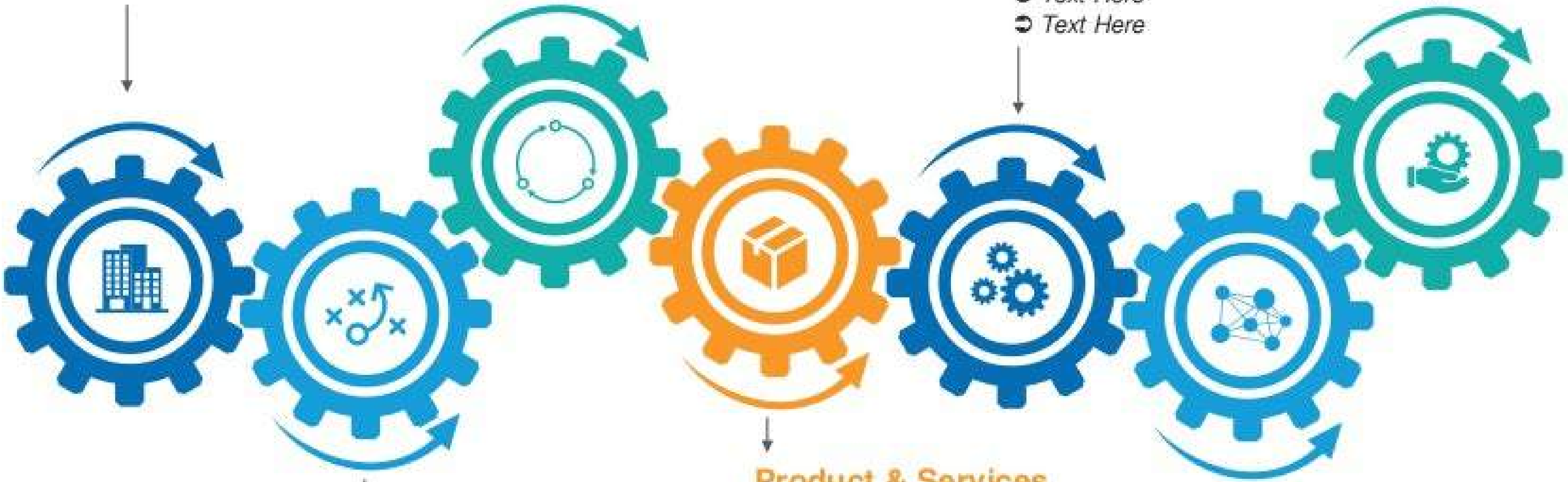

Operation & Strategy
- Text Here
- Text Here
- Text Here

Product & Services
- Text Here
- Text Here
- Text Here

Text Here
- Text Here
- Text Here
- Text Here

Operation Management 6 Step Process (1/2)

Input
- *Raw material*
- *Human resources*
- *Land*
- *Building*

Control Process
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- *Text Here*

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- *Text Here*
- *Text Here*
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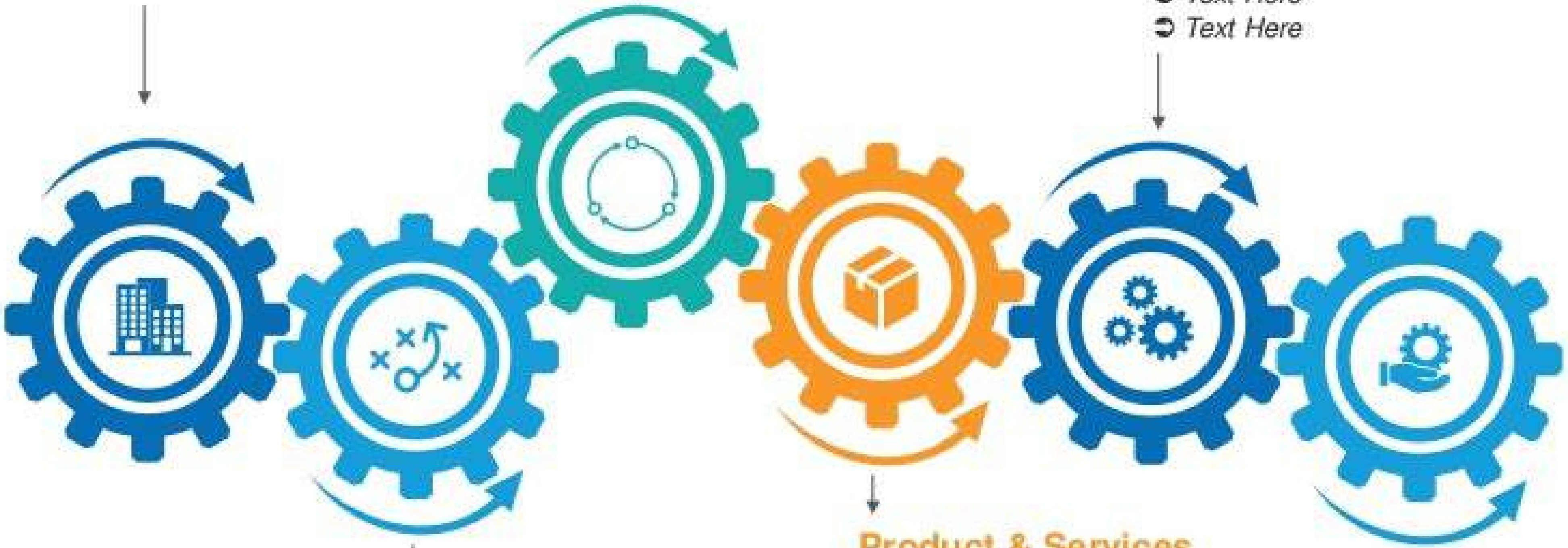

Operation & Strategy
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- *Text Here*
- *Text Here*

Product & Services
- *Text Here*
- *Text Here*
- *Text Here*

Output
- *Text Here*
- *Text Here*
- *Text Here*

Operation Management 5 Step Process (1/2)

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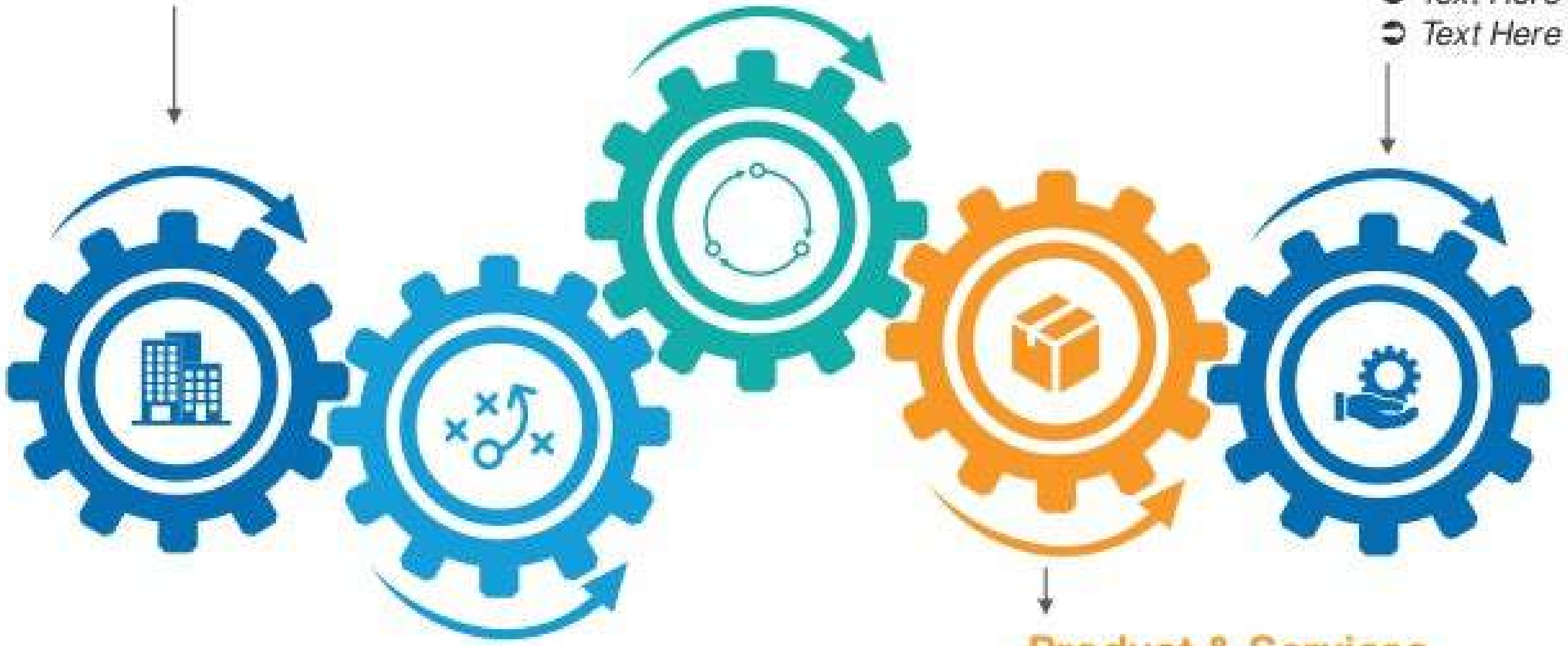
Input
- Raw material
- Human resources
- Land
- Building

Control Process
- Text Here
- Text Here
- Text Here

Output
- Text Here
- Text Here
- Text Here



Operation & Strategy
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Product & Services
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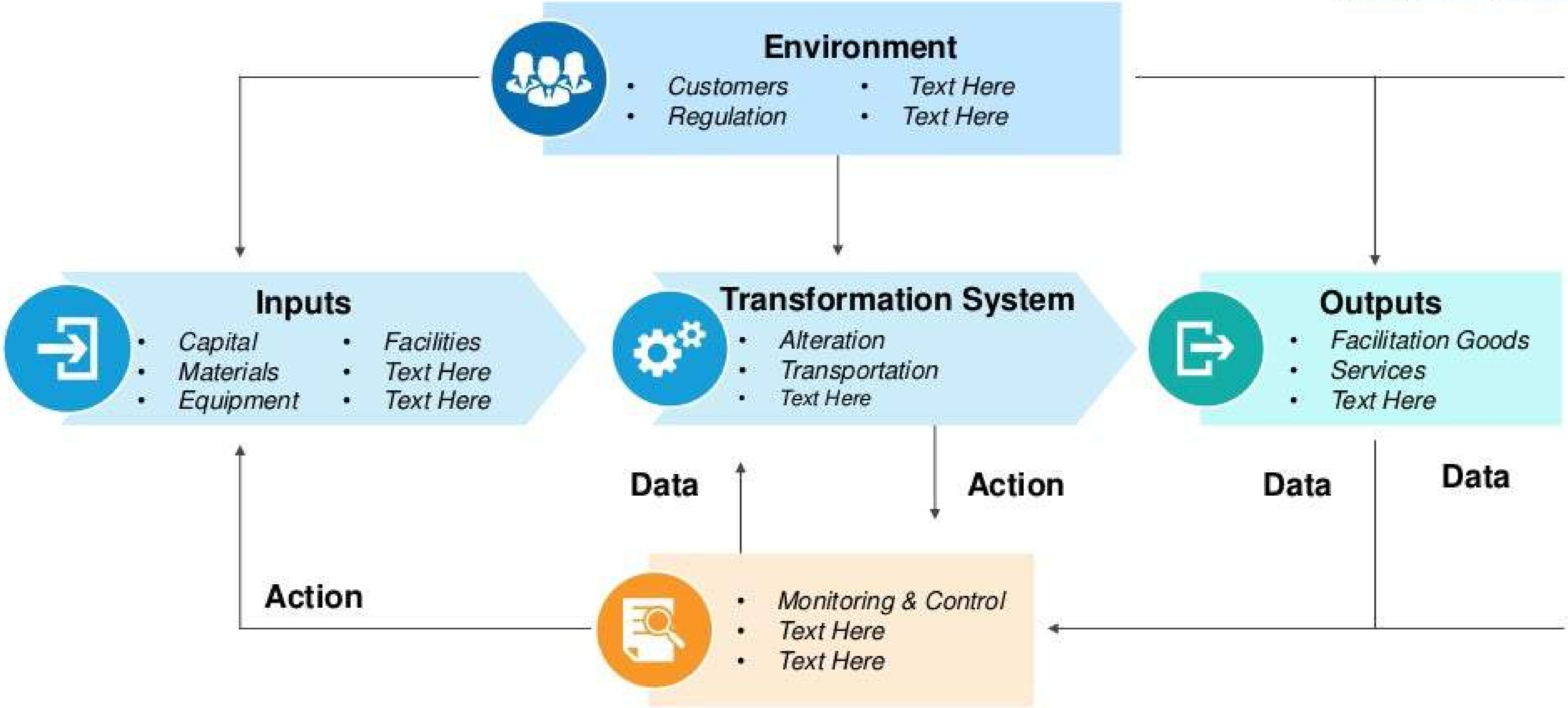
- Text Here
- Text Here

Operation Management Process (2/2)



Operations Goals (1/2)

01 Minimization of expenses is very important

02 To maximize resource productivity ,construct standardized processes, remove duplicate efforts.

03 Increases expectations of clients for higher product variety, customized goods.

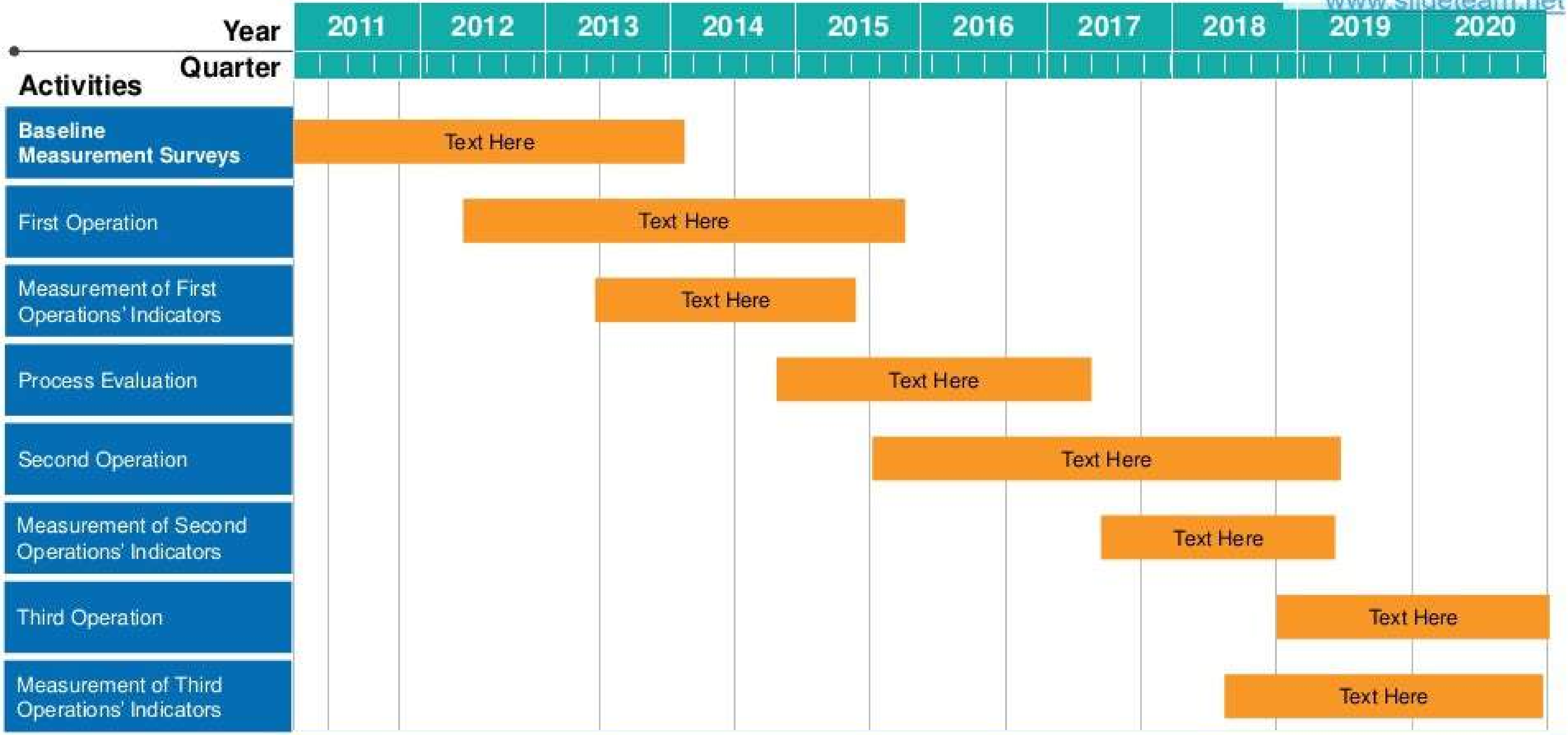
04 Cost efficient are necessary, but managers need to concentrate on value creation for customers

05 To leverage shared resources and utilize the order management to complete orders.

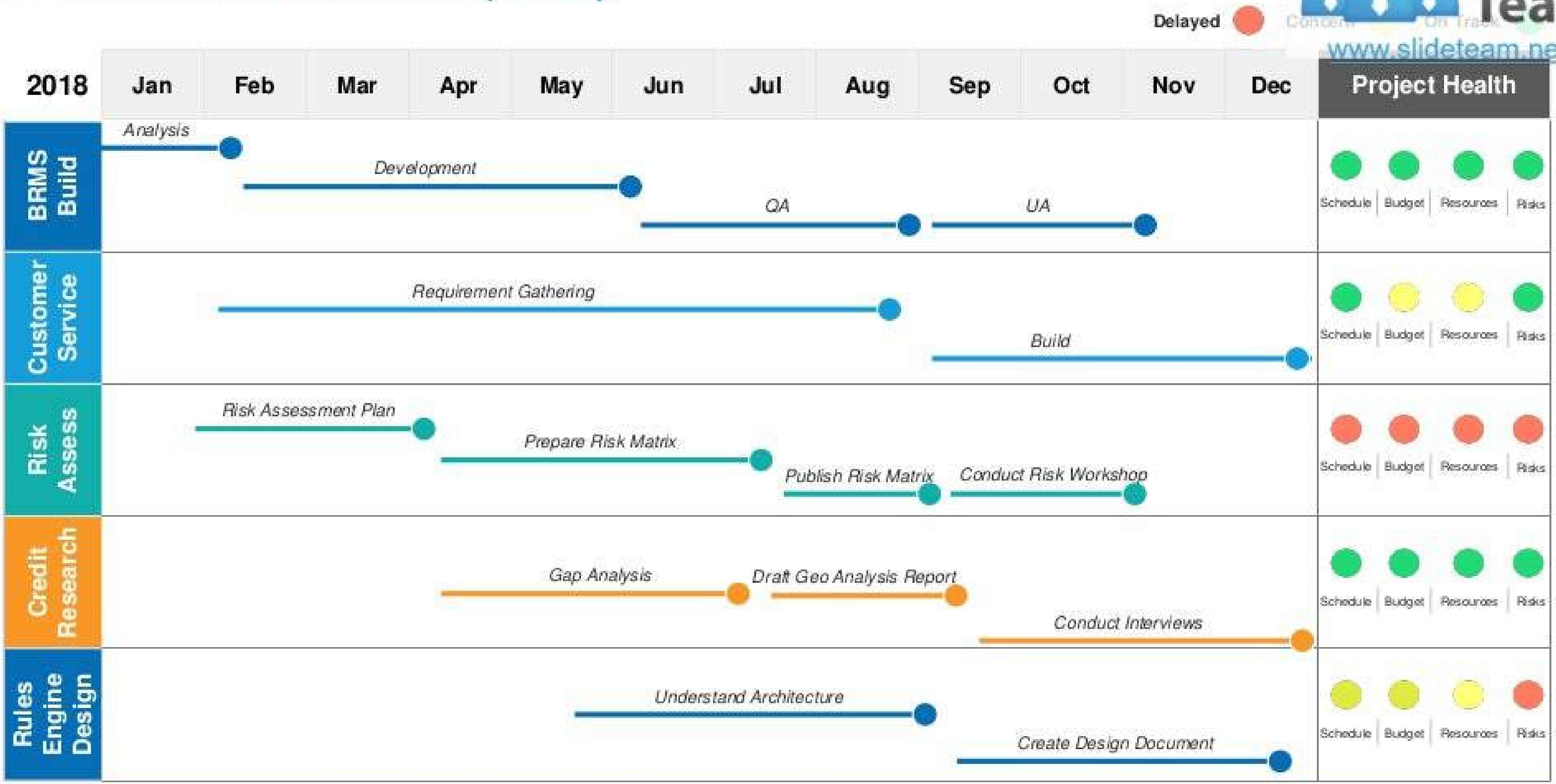
Operations Goals (2/2)

Goals	Measures	Targets	Frequency	Year to Date
Increase number of new paying customers by 50%	*Conversion of new contacts within 2 months*	*50%*	*Monthly*	*20%*
Increase number of former paying customers by 25%	*Renewing of previous relationships that were inactive*	*25%*	*Monthly*	*12%*
Improve inventory turns	*# of inventory turns per year*	*4-6*	*Monthly*	*2*

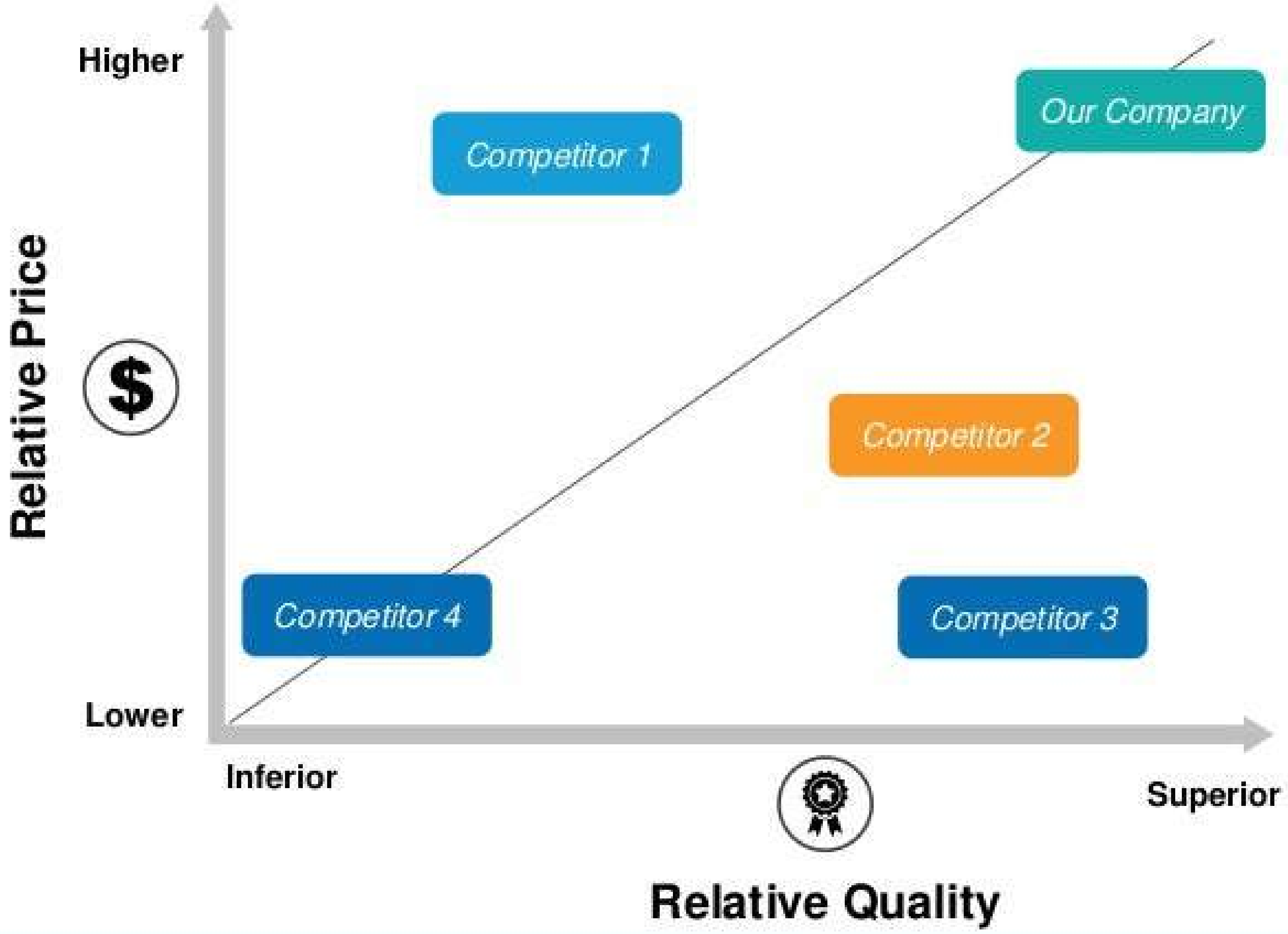
Process Timeline (1/2)



Process Timeline (2/2)



Competitive Analysis Value Map



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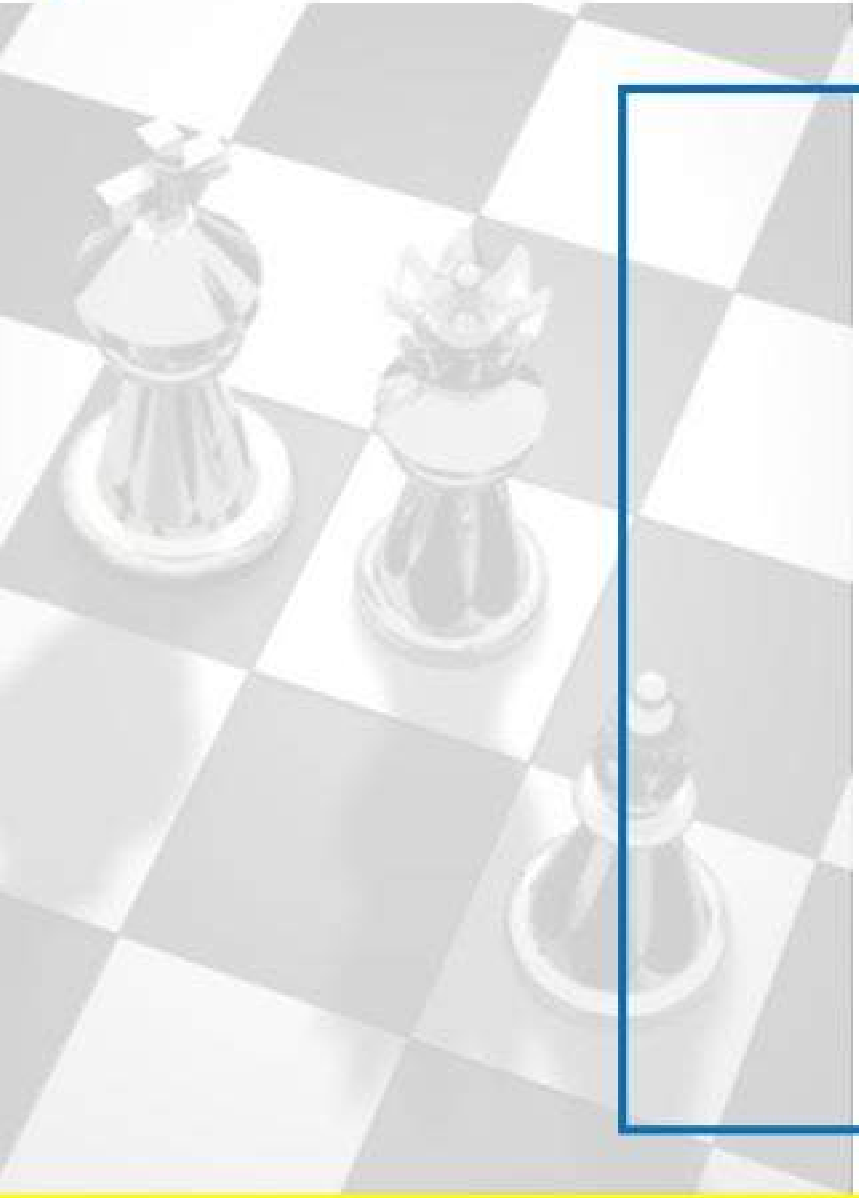
Competitive Strategies



Strategies

Operational Excellence

Automating manufacturing processes & work procedures to streamline operations & reduce cost

Customer Intimacy

Providing a unique range of customer services to personalize serviced & customize products to meet differing needs

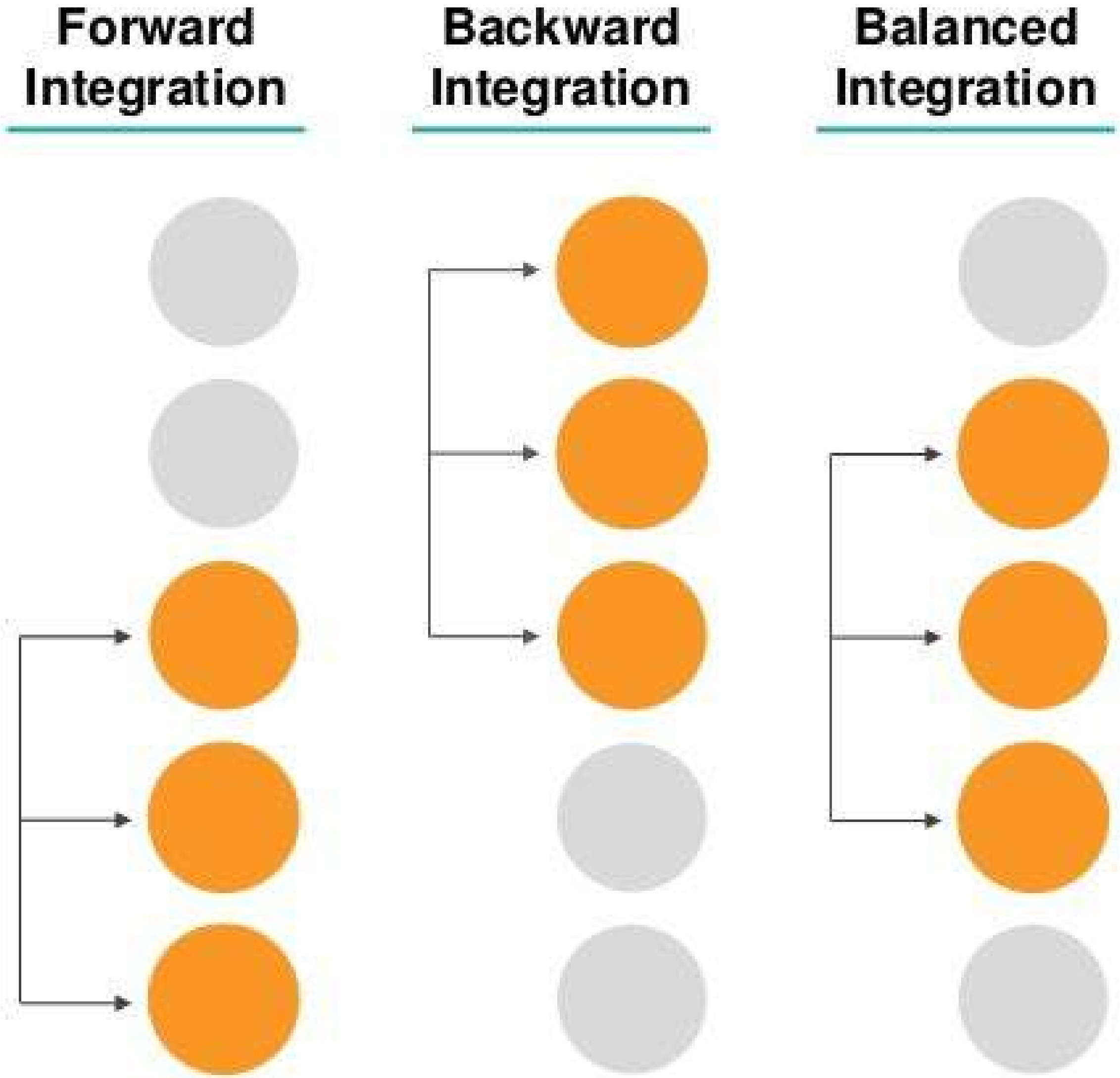
Product Leadership

Achieving premium market prices due to the experience created for customers

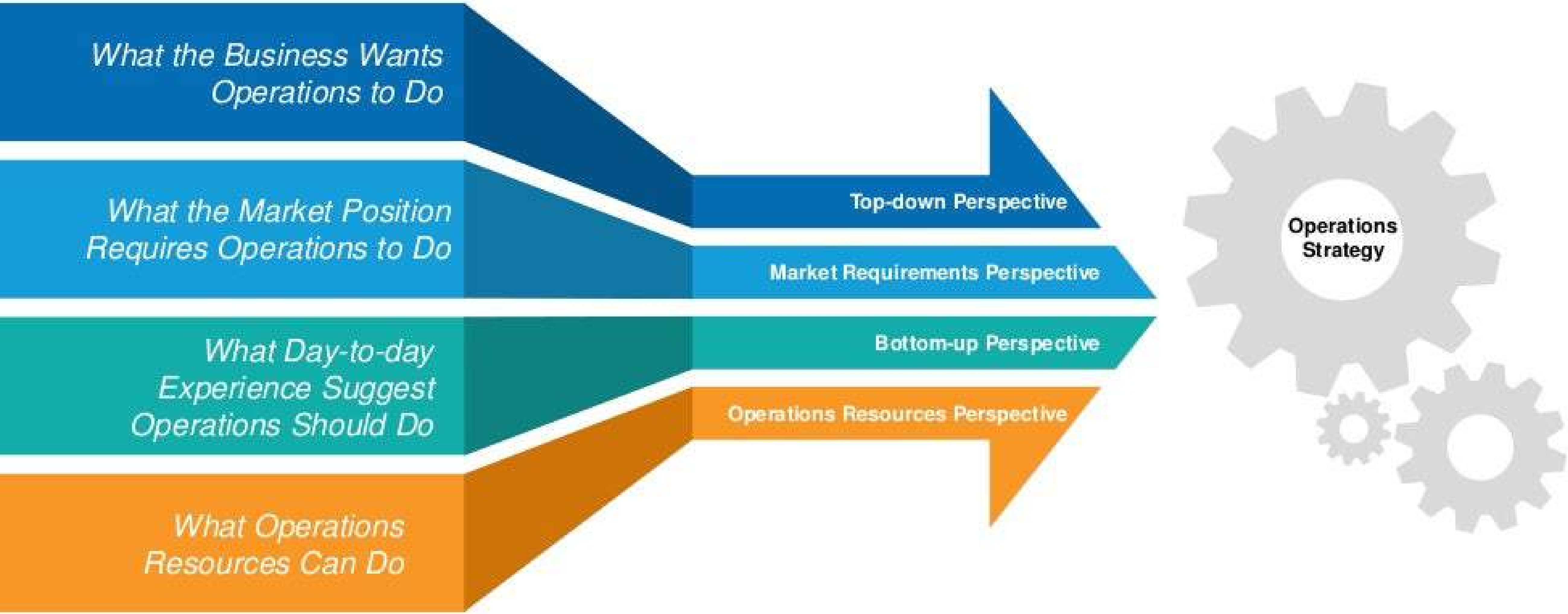
Competitive Criteria For Service Operations

Goals	Our Company	Competitor 1	Competitor 2	Competitor 3
Cost	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Quality	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Speed	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Flexibility	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Reliability	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Safety	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Accessibility	*Text Here*	*Text Here*	*Text Here*	*Text Here*

Strategies for Forward & Backward Integration



Operation Strategy



Productivity Table

Ref.	Metric	Year 1	Year 2	Year 3
1	No. of employees on a work team	10	10	10
2	No. of teams throughout organization	50	125	375
3	Weekly productivity gain for team (hours)	10	10	10
4	No. of weeks per year (vacation excluded)	50	50	50
5	Average hourly rate	$25	$25	$25
6	Percentage of utilization annually	0.75	0.75	0.75
7	Increased employee productivity within a work team (Ref 2*3*4*5*6)	$468,750	$1,171,875	$3,515,625
	Risk adjustment	30%		
8	Increased employee productivity within a work team (risk adjusted)	$328,125	$820,313	$2,460,938

Forecasting

Forecasting Table

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Forecasting Table

Forecasting	Current Month Actual	Month 1 Forecast	Month 2 Forecast	Month 3 Forecast
No. of Machines	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Inventory	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Costing	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Requirement	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Skill	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Technology	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Products/Services	*Text Here*	*Text Here*	*Text Here*	*Text Here*
Workload/Schedule	*Text Here*	*Text Here*	*Text Here*	*Text Here*

System & Design

- **Product & Service Design**
- **Strategic Capacity Planning for Products & Services**
  - *Capacity planning for product*
  - *Capacity requirement table*
  - *Capacity strategy planning*
- **Process Selection & Facility Layout**
  - *Process planning*
  - *Facility layout*
- **Design of Work System**
- **Location Planning & Analysis**
- **Location Planning & Analysis**

Product & Service Design (1/2)

Concept Generation	Concept Screening	Preliminary Design	Evaluation & Improvement	Prototyping & Final Design
January	**February**	**March**	**April**	**May**
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Product & Service Design (2/2)

The rules, standard operating procedures and workflows the company uses to provide the service.

Policy

The physical and digital touchpoints that the customer interacts with, and the tools employees using to deliver a service.

Assets

The unwritten rules that dictate employee attitudes and approaches. Thinking born from history, management style and employee experience

Culture

Anybody who contributes to the service either directly or indirectly. For example, although management has little direct contact with customers, they are still hugely influential in shaping their experience.

People

Capacity Planning for Product

	Unit of Measure	Product Family				Total Load	Capacity Available	Load %
		A	B	C	D			
Production Plan April		50	80	40	60			
Machining Time	*Hours*	250	400	400	60	1110	1500	74
Packaged Product Space	*Cu Ft*	500	800	400	1200	2900	3600	80.6
Non-clean-room Labour	*Hours*	3750	1200	1000	3000	8950	9600	93.2
Oven-curing Space	*Cu Ft*	500	800	800	1800	3900	3600	108.3
Clean-room Labour	*Hours*	1000	800	600	2400	4800	6000	80
Quarantine	*Cu Ft*	1200	1920	2400	4800	10320	12000	86
Gold	*Tr. Oz*	400	640	320	960	2320	3000	77.3

Total Load

%Load = Total Load/Available Capacity

Capacity Requirement Table

Year	1	2	3	4
Small (000s)	*150*	*170*	*200*	*240*
Family (000s)	*115*	*140*	*170*	*200*
Small	*Mach. Cap.*	*3,00,000*	*Labor*	*6*
Family Size	*Mach. Cap.*	*2,40,000*	*Labor*	*6*
Small				
Percent capacity used	*50%*			
Machine requirement	*1.5*			
Labor requirement	*3*			
Family size				
Percent capacity used	*47.92%*			
Machine requirement	*0.96*			
Labor requirement	*2.88*			

Capacity Strategy Planning

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	Jan	Feb	Mar	Apr	May	Jun
Demand	4500	5500	7000	10000	8000	6000
Beginning Inventory	250	2130	2140	1230	-2680	-4300
Net Requirements	4250	3370	4860	8770	10680	10300
Beginning # of Workers	6	6	6	6	6	6
Required Workers	4	4	5	9	10	11
Workforce Adjustment	0	0	0	0	0	0
Production Quantity	6380	5510	6090	6090	6380	5800
Ending Inventory	2130	2140	1230	-2680	-4300	-4500

Process Planning

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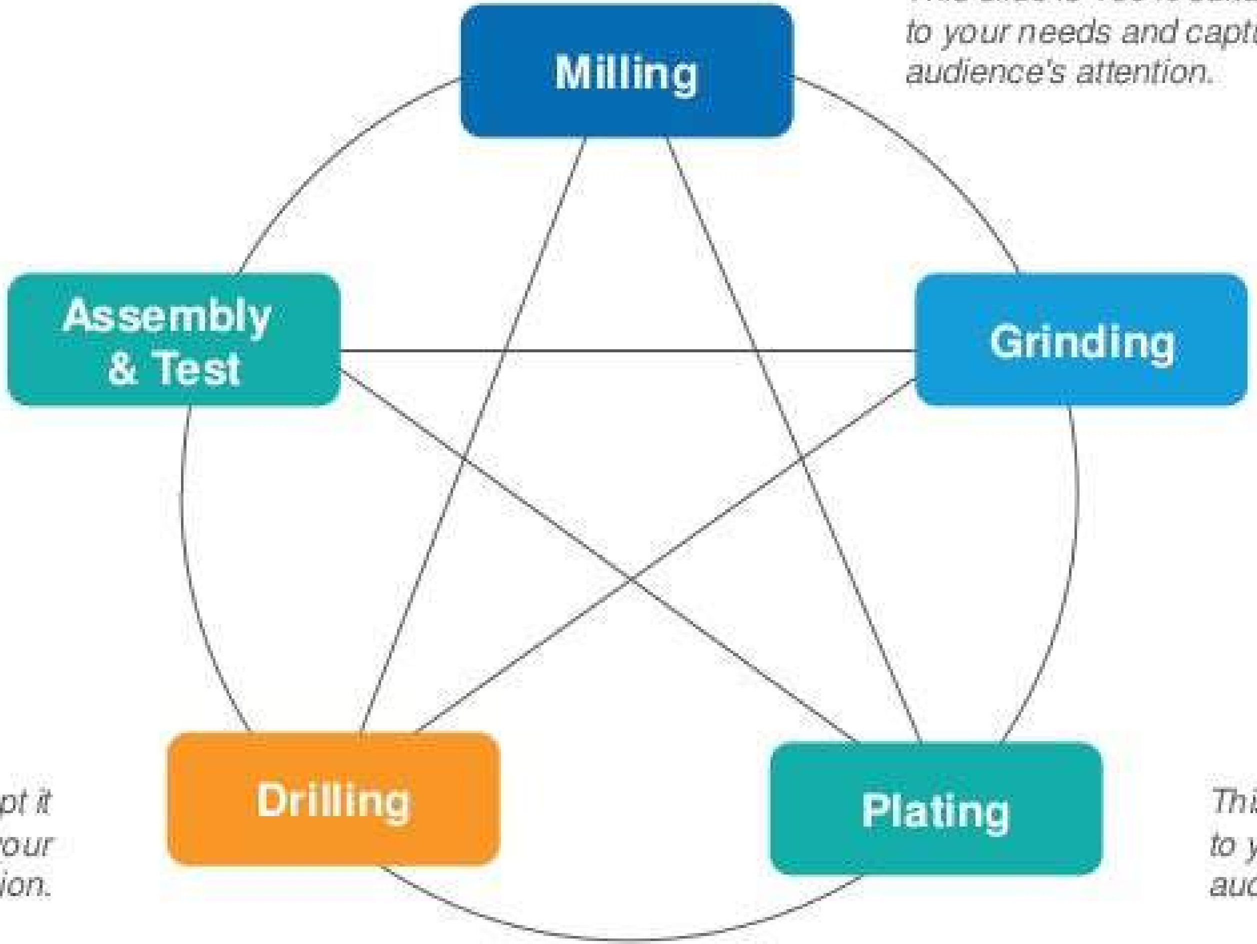
Facility Layout

Process Layout - Work Travels to Dedicated Process Centers



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Design of Work System

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1 Initial Stage
- Identify Client Requirement
- Review Scope of Work
- Identify Service Areas
- Review

Process

Processes that need to be outsourced and identify areas of improvement

2 Planning Stage
- Software Review
- Volume of Work
- Resources Required
- Infrastructure/Systems
- Allocations
- Project Proposal

Technology

Hardware & network; software design & development & system operations

3 Execution Stage
- Technology
- Set-up
- Staffing & Training
- SOP Set-up
- Quality Set-up
- Reporting Set-up

People

Organizational roles & responsibilities; required skills & human resources programs & communication models in support of the outsourcing program

4 Limitation Stage
- Pilot Run
- Daily
- Deliverables
- Reporting Analysis
- Production Metrics/SLA
- Feedback

Infrastructure

Facility requirements & strategy

5 Relationship Management
- Continuous Process Improvement
- Optimization of Services
- Enhancing Customer Value
- Identify New Revenue

Management

Project organization, risk management, planning, tracking, communication, charge management, quality assurance, budget control and staffing issues

Location Planning & Analysis

Location	Estate size in m^2	Motorway distance in km	Possibilities of material procurement	Qualification of Job Seekers
1	*6900*	*5*	*Very good*	*Medium*
2	*7200*	*6*	*Very good*	*High*
3	*3500*	*1*	*Good*	*Medium*
4	*8200*	*10*	*Acceptable*	*Low*
5	*5300*	*6*	*Good*	*Very high*
6	*5000*	*7*	*Good*	*Medium*
7	*6900*	*3*	*Acceptable*	*High*
8	*10000*	*10*	*Acceptable*	*Medium*
9	*9300*	*7*	*Good*	*Low*
10	*4600*	*15*	*Very good*	*Medium*

Quality

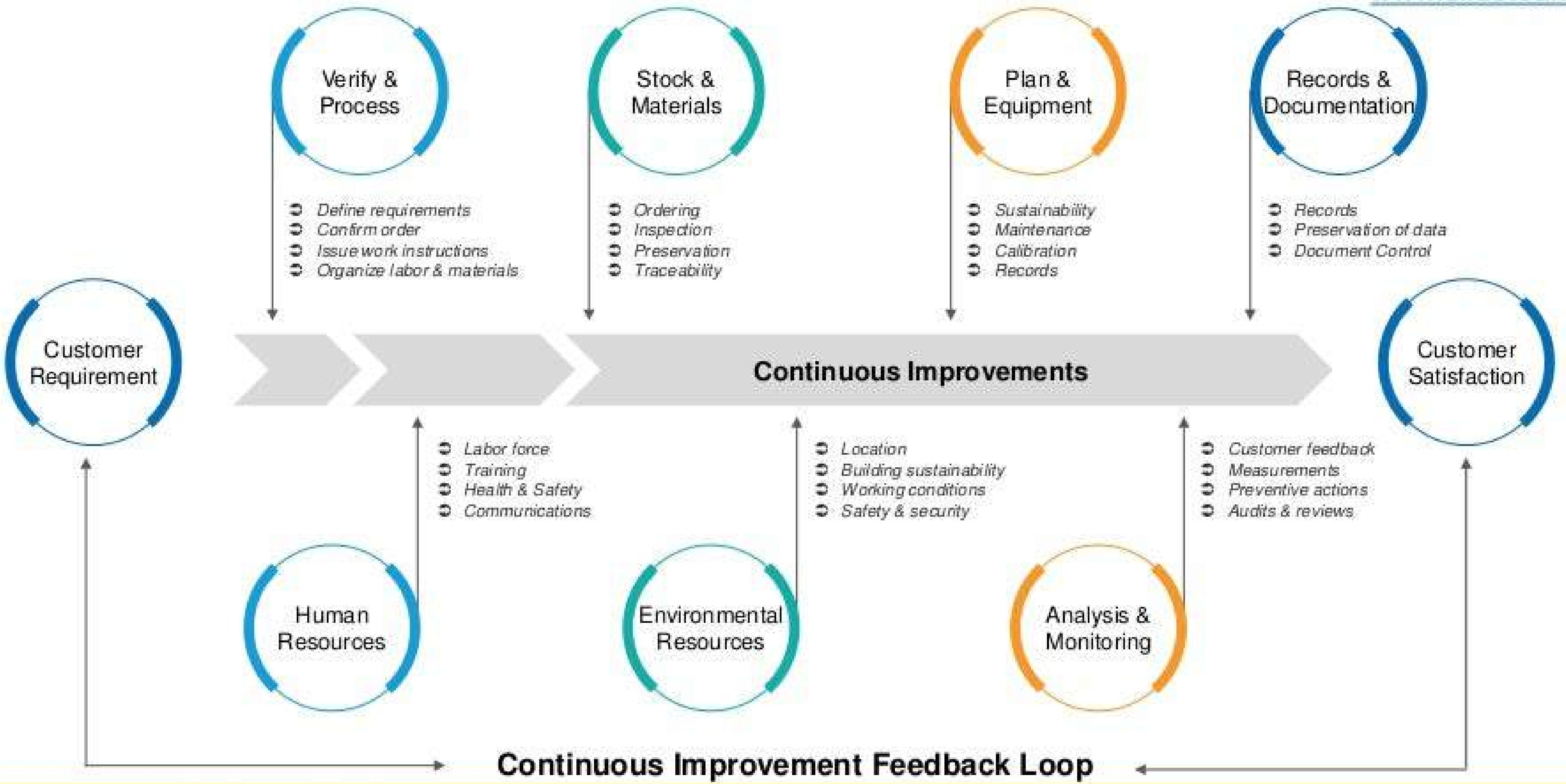
Quality Management

- *Quality management system for improving*
- *Quality management timeline*

Quality Control

- *Quality control management*
- *Quality control KPI dashboard*
- *Quality cost report*
- *Quality cost comparison*
- *Quality control check sheet*

Quality Management System for Improving



Quality Management Timeline

Process Change

	Jan	Feb	Mar	Apr	May	Jun
Units	125	204	238	338	423	520
Yield	93.5%	95%	98%	98%	91%	91%
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Quality Control Management

Analyze

To study or examine something in detail for an explanation

Evaluate

To determine or estimate the significance, quality, or value of assessment

Improve

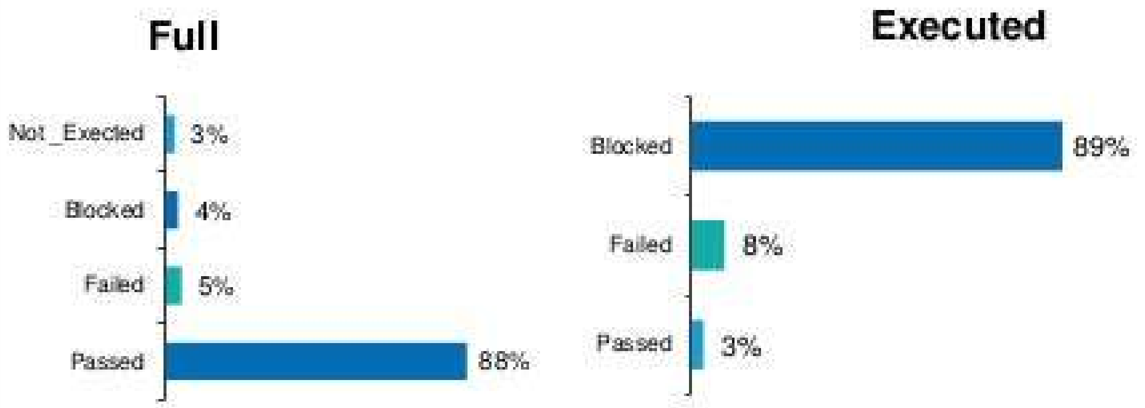
To make something better in a particular way

Planning

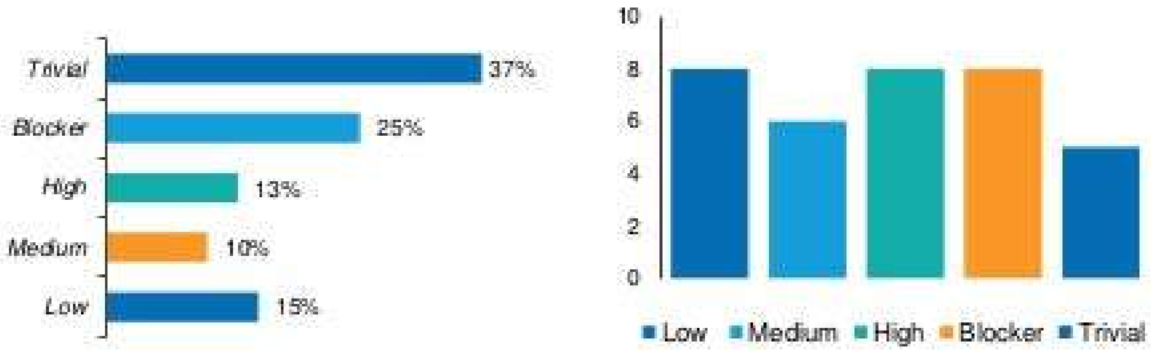
A detail or process of thinking and organizing step by step to achieve a desired goal

Quality Control KPI Dashboard

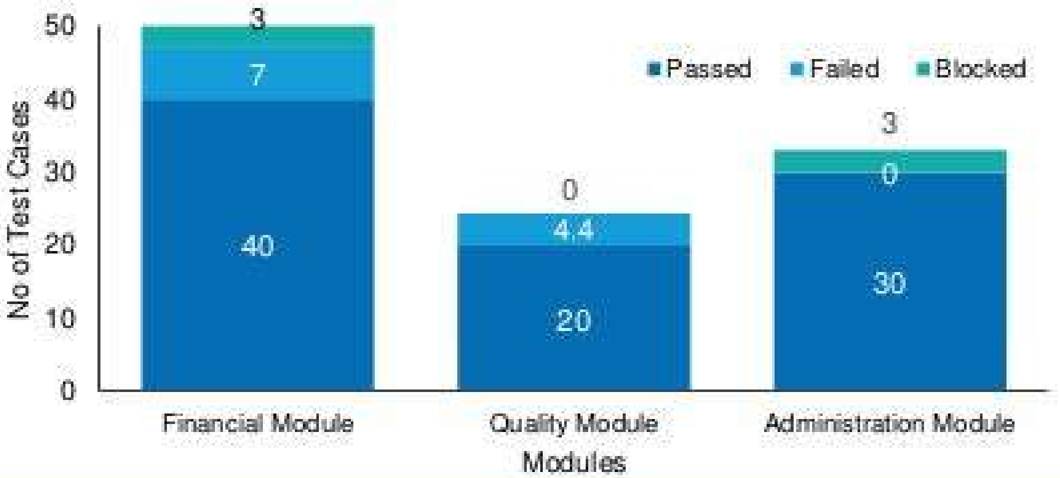
Test Execution Summary



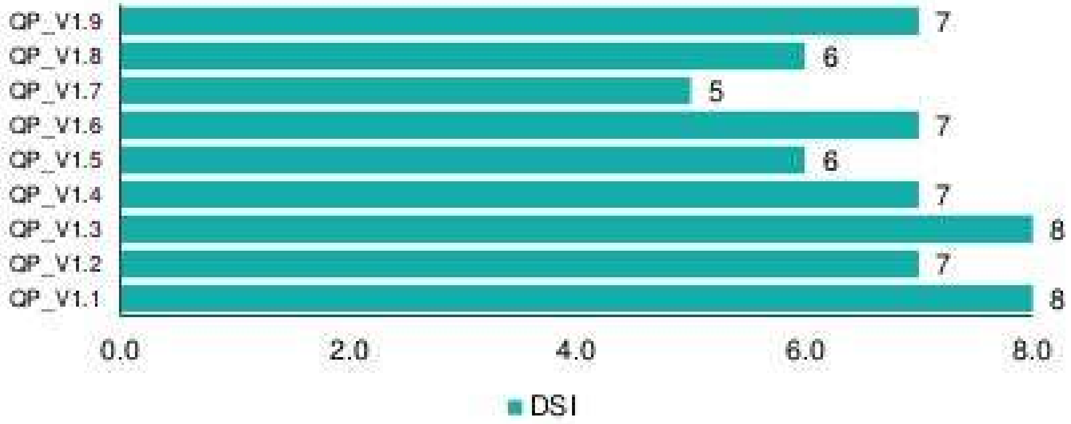
Defect Severity Distribution



Module-Wise Test Execution Summary

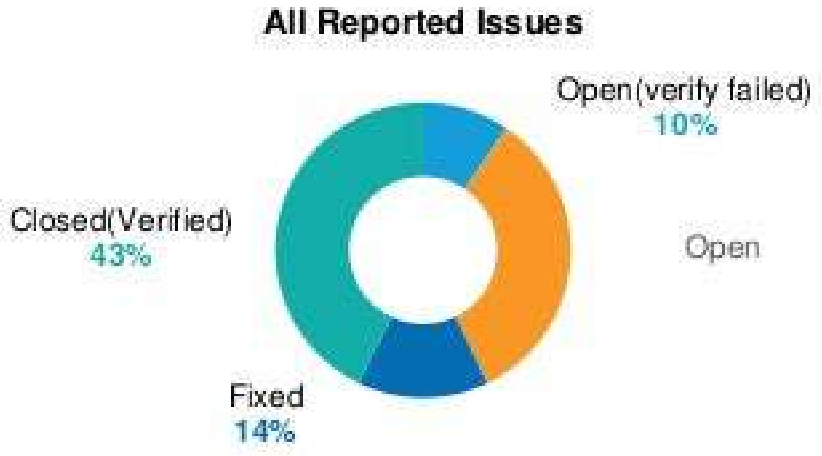


Defect Severity Index

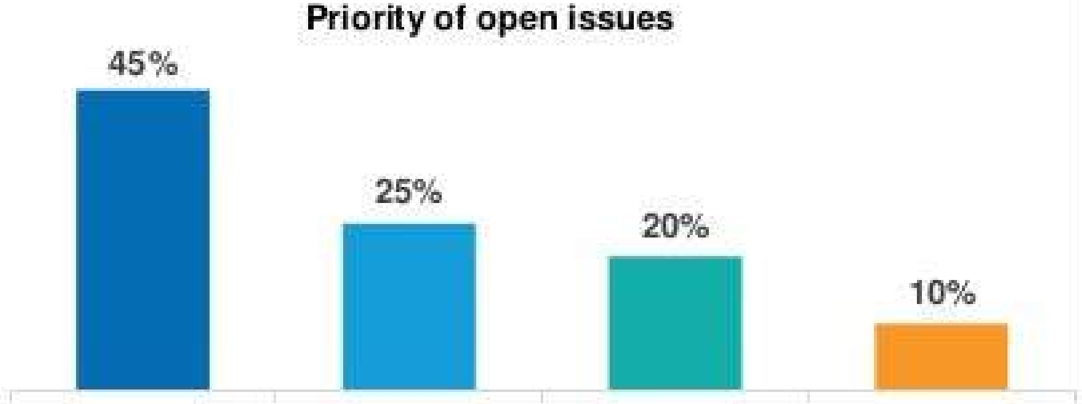


Quality Management Dashboard

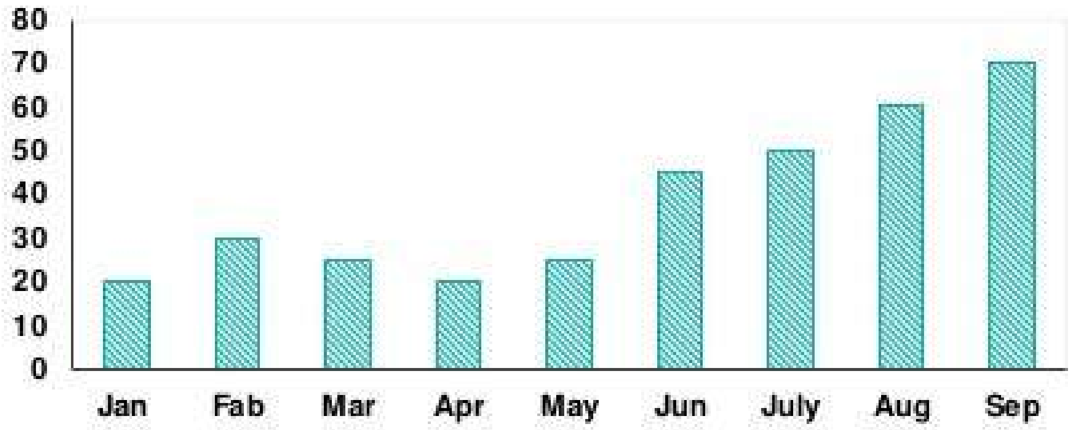
Number of open bugs:7



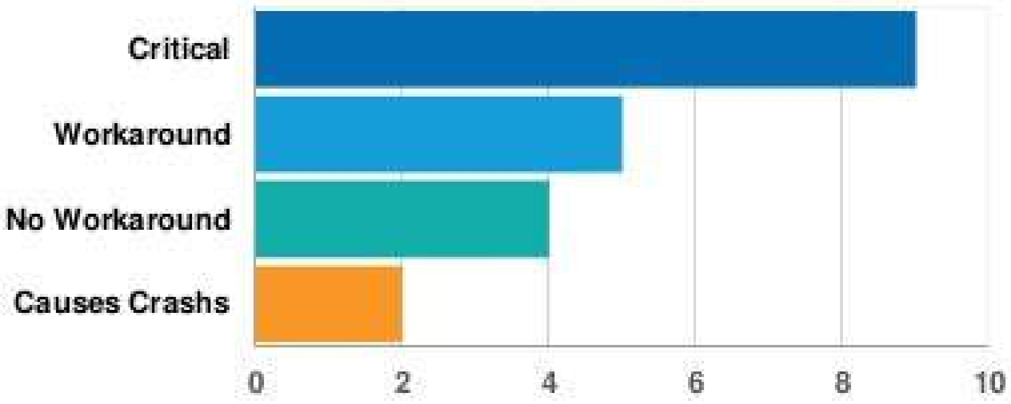
Number of open feature requests : 9



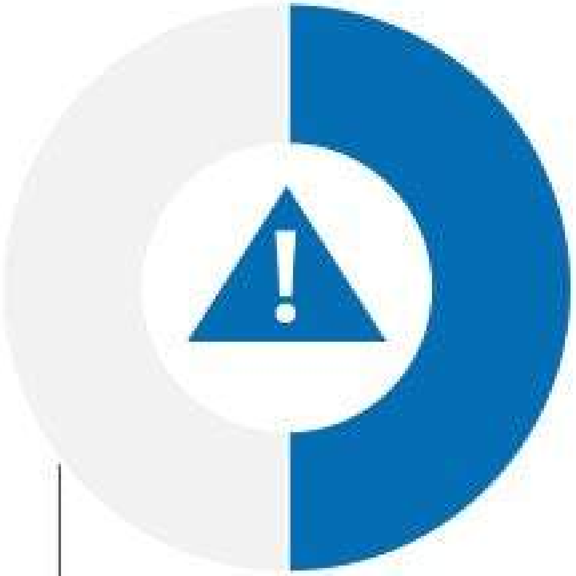
Issues created by day



Severity of open issues



Quality Control KPI Metrics



50%

No. of defects per lot

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30%

No. of corrective actions

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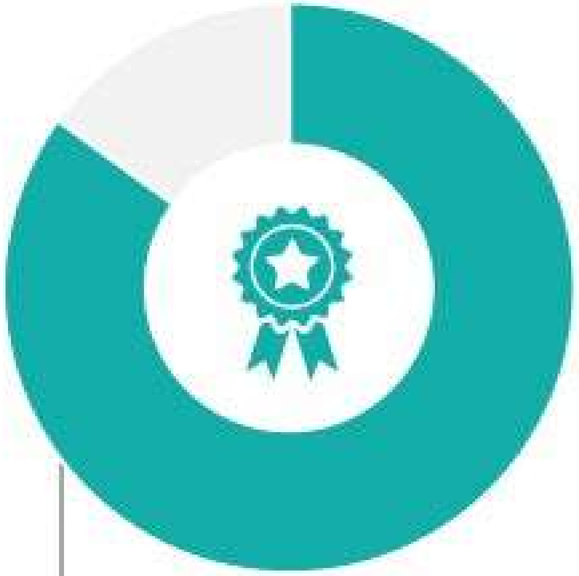

85%

Cost of quality

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Quality Cost Report

Types of Cost	Quality Cost		Percentage of Sales
Prevention Cost			
Type 1	35,000		10%
Type 2	10,000	45,000	
Appraisal Cost			
Type 1	20,000		2.7%
Type 2	30,000	50,000	
Internal Failure Cost			
Type 1	50,000		5%
Type 2	12,000	62,000	
External Failure Cost			
Type 1	25,000		7%
Type 2	30,000	55,000	

Quality Cost Report Comparison

	Year 1 Amount	Year 1 Percent	Year 2 Amount	Year 2 Percent
Prevention Cost	00.00	00.00	00.00	00.00
Appraisal Cost	00.00	00.00	00.00	00.00
Internal Failure Cost	00.00	00.00	00.00	00.00
External Failure Cost	00.00	00.00	00.00	00.00
Total Quality Cost	00.00	00.00	00.00	00.00
Total Sales	**20,000**	**25%**	**10,000**	**15%**

Quality Control Check Sheet

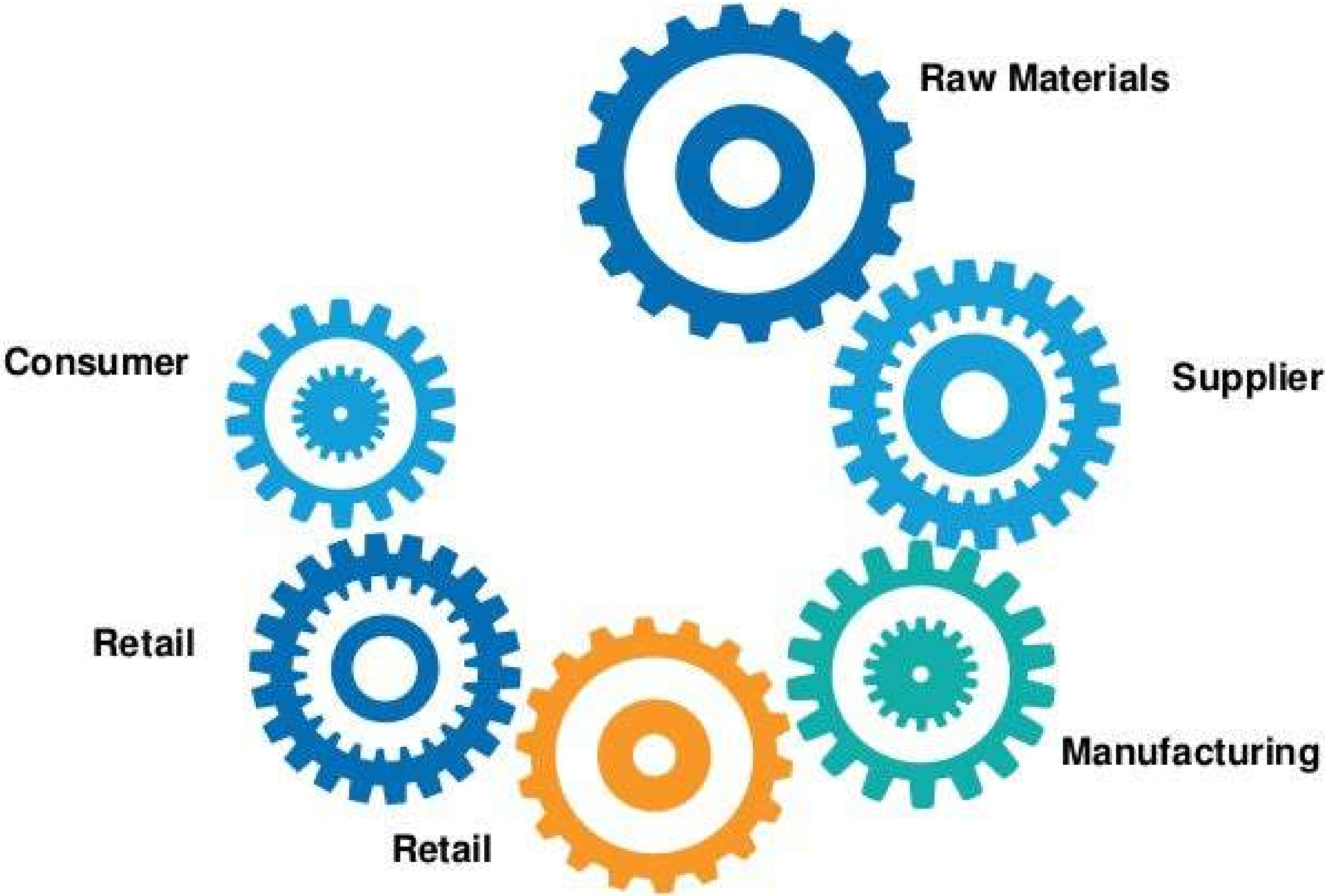
Name of Data Recorder	
Location	
Data Collection Date	

Defect Type/Event Occurrence	Dates							Total
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Description 1		9		8		3		20
Description 2		1		4				5
Description 3							10	10
Description 4			3		6			9
Description 5						4		8
Description 6				6			1	7
Description 7		3	3					6
Description 8	2			2				4
Description 9	5							5
Total	0	13	6	20	11	4	0	74

Supply Chain Management

- Supply Chain Management Process
- Supply Chain Management Goals
- Supply Chain Management Bifurcation
- Components of Supply Chain
- Supply Chain Management Advantages
- Supply Chain KPI Dashboard
- Supply Chain KPI Metrics

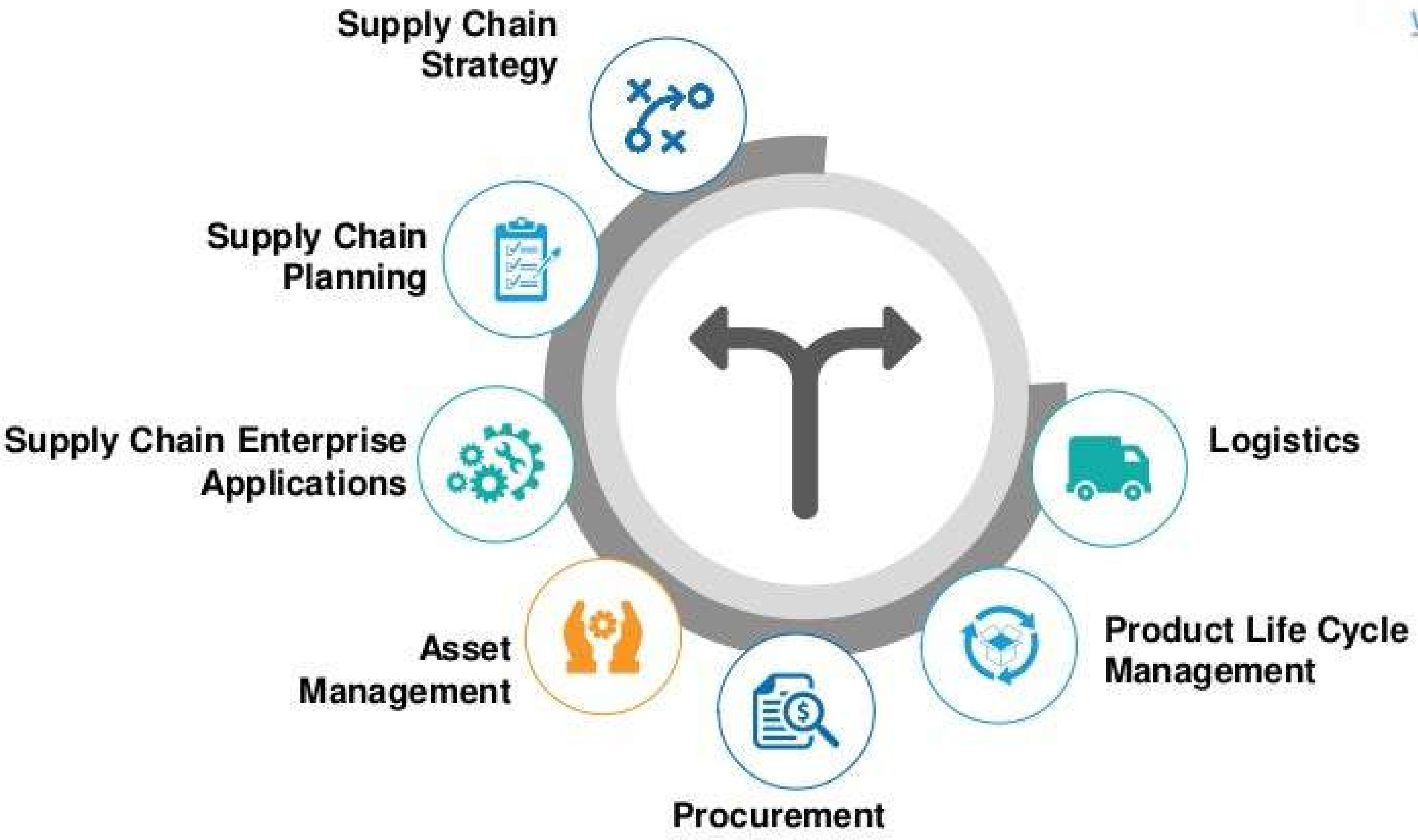
Supple Chain Management Process (2/2)



Supply Chain Management Process(2/2)

Supply Chain Management Goals

Supply Chain Management Bifurcation



Components of the Supply Chain

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Supply Chain Management

Manufacturing
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Supply
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Distribution & Warehousing
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Retail
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Consumer
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Supply Chain Management Advantages

Supply chain KPI Dashboard(1/2)

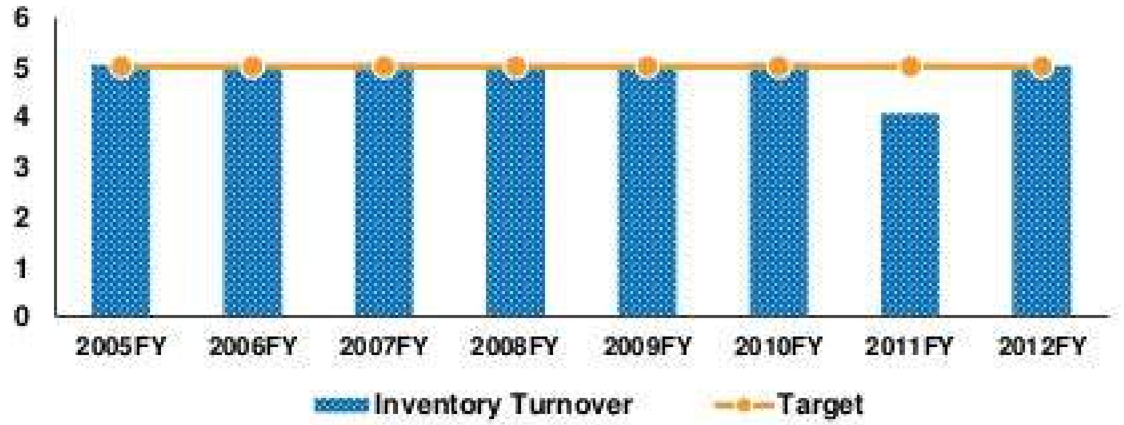
Units Per Transaction

$137.89 APV
Compared to $156.99 last month

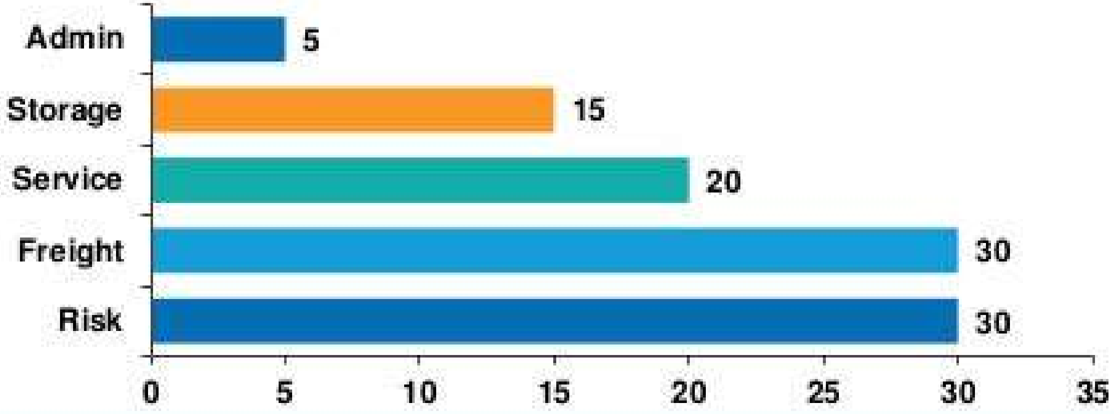
5.30 UPT
Compared to 5.46 last month

% Out of stock items

Inventory Turnover



Cost of Carry MTD



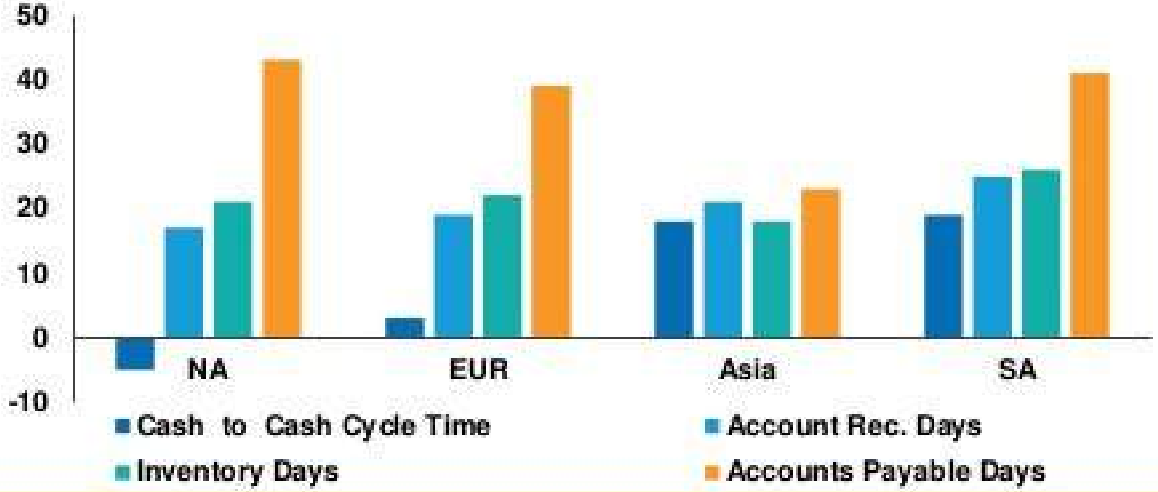
Supply Chain Management KPI Dashboard (2/2)

Orders

Filter Order Status: Backordered ▼

Customer	Order Status	Order Date
Add Name	Backordered	Apr 11, 2015
Add Name	Backordered	Apr 8, 2015
Add Name	Backordered	Apr 7, 2015
Add Name	Backordered	Apr 6, 2015
Add Name	Backordered	Apr 5, 2015
Add Name	Backordered	Apr 4, 2015
Add Name	Backordered	Apr 3, 2015
Add Name	Backordered	Apr 2, 2015

Global Financial Performance

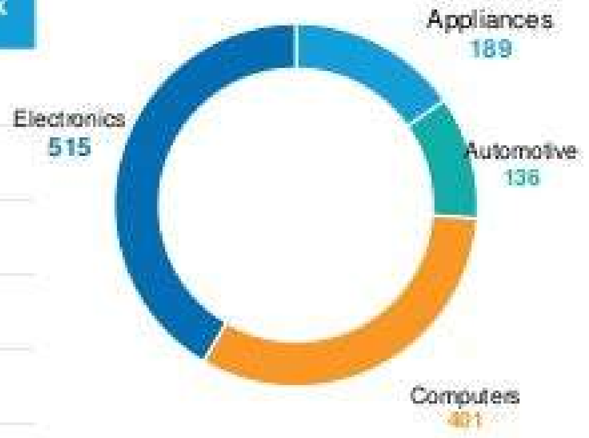


Volume Today

Orders to Ship	Overdue Shipments	Open POs	Late Vendor Shipments
106	20	198	12

Inventory

Category	Product	SKU	In Stock
Electronics	Product A	789451	106
Electronics	Product B	874842	12
Electronics	Product C	874101	8
Electronics	Product D	711238	87
Electronics	Product E	611235	-



KpIs - Monthy

	Metric	This Month	Past Month	Change	Past 30 Days
▲	Inventory	$826,905	$754,638	10%	
▼	Shipping Costs	$23,092	$25,748	-10%	
—	Perfect Order....	94.5%	94.1%	0%	
—	Back Order Ra....	12.1%	12.5%	-3%	
—	Warehouse Ca....	98.0%	95.4%	3%	

Supply Chain KPI (2/3)

Percentage of Problem With Supplier

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Number of Active Suppliers Per Supply Employee

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Requested Time In Full

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Inventory Management & Scheduling

- Inventory Management System
- Inventory & Logistics Management
- Inventory Tracker Table
- Aggregate Planning
- Lean Manufacturing → *Benefits of lean operations*
- Scheduling

Inventory Management Systems

Slide Team
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Receiving & Put Away

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Inventory Management

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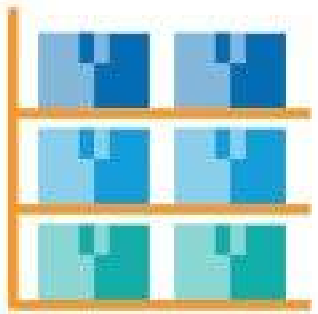

WI – FI & Barcode System

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Reporting Management

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Picking & Packing

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Location Management

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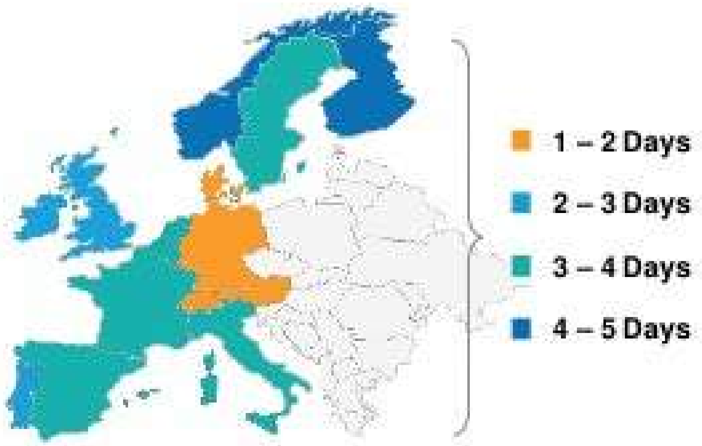
Inventory and logistics dashboard

One Time Shipping

Within time Limit– 549
Out of time Limit - 73

Perfect Order Rate

Avg Delivery Time in Days



Transportation Related Costs

$273,053 *Avg Transportation Costs*

Distribution of Transportation related Costs

50% of Warehousing Costs are order Picking Costs

Warehousing Operating Costs distribution

Shipments by Country

Inventory Planning KPI Dashboard

INBOUND

Total for the Day

58	81	1500	880
Orders	SKU	Whole	M3

Completed

8	18	500	80
Orders	SKU	Whole	M3

30%

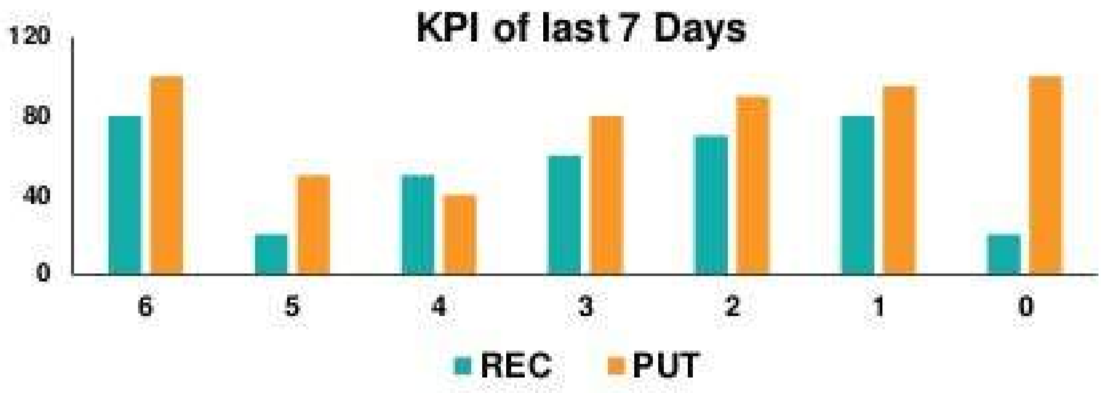
40 of 58 Completed

Pending Receiving

2	48	60	1200	150
Persons	Orders	SKU	Whole	M3

30%

40 of 58 Completed

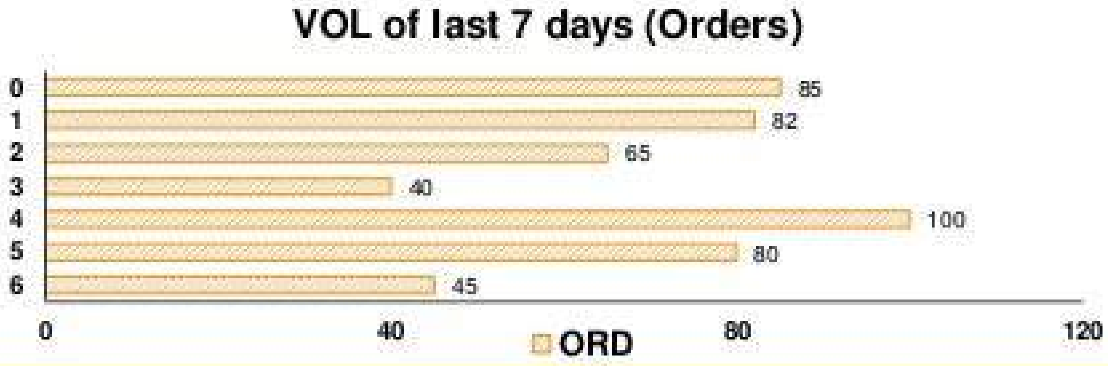


Pending Putaway

5	28	30	200	50
Persons	Orders	SKU	Whole	M3

30%

40 of 58 Completed



Inventory Delivery on Time Dashboards

Order	Open Orders!	Inbound Trucks!	Last 24 Hour No Stock/ Pick!	Overdue Orders!	OverDue	Inbounds

60
Days

Quarter to date Days sales of inventory (DSI)

12%

Month to date total logistics Cost as a percentage of sales

Delivery in Full (DIF)
99.5%

Delivery on Time (DOT)
99.5%

Inventory Turnover KPI Metrics

INBOUND

Total for the Day

Orders = 58
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SKU = 83
This slide is 100% editable. Adapt it to your needs and capture your audience's attention.

WHOLE = 1500
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M3 = 81
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Completed

Orders = 8
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SKU = 18
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WHOLE = 500
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M3 = 80
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Logistics KPI Metrics(1/2)

Delivery Status

87%

Perfect order rate

Within Time Limit = 249
Out of Time Limit = 73

Shipment by Country

Germany	France	Switzerland	Austria
35%	20%	21%	19%

Logistics KPI Metrics(2/2)

Warehouse Operating Cost $296,566

Perfect Order Rate

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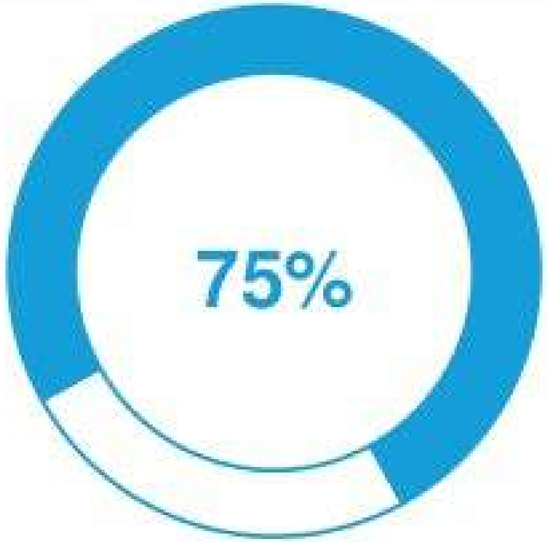

Inventory Service Level

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Inventory Tracker Table

Inventory Control	Product Detail	Quantity Purchase	Price Unit	Quantity in Stock	Value stock in hand	Reorder Level	Recorder Quantity sold	Quantity Sold	Discontinued product
ABC001	Product 1	100	$100.00	50	$5,000.00	25	100	50	
ABC002	Product 2	50	$200.00	25	$5,000.00	50	50	25	
ABC003	Product 3	50	$250.00	0	$0.00	25	50	50	
ABC004	Product 4	50	$500.00	0	$0.00	50	50	50	
ABC005	Product 5	100	$110.00	52	$5,720.00	25	100	48	
ABC006	Product 6	100	$120.00	75	$9,000.00	50	100	25	
ABC007	Product 7	100	$150.00	50	$7,500.00	25	100	50	
ABC008	Product 8	50	$135.00	0	$0.00	50	50	50	
ABC009	Product 9	100	$110.00	50	$5,500.00	25	100	50	
ABC010	Product 10	100	$100.00	65	$6,500.00	50	100	35	
ABC011	Product 11	100	$200.00	50	$10,000.00	25	100	50	
ABC012	Product 12	100	$110.00	50	$5,500.00	50	100	50	
ABC013	Product 13	100	$250.00	50	$12,500.00	25	100	5	

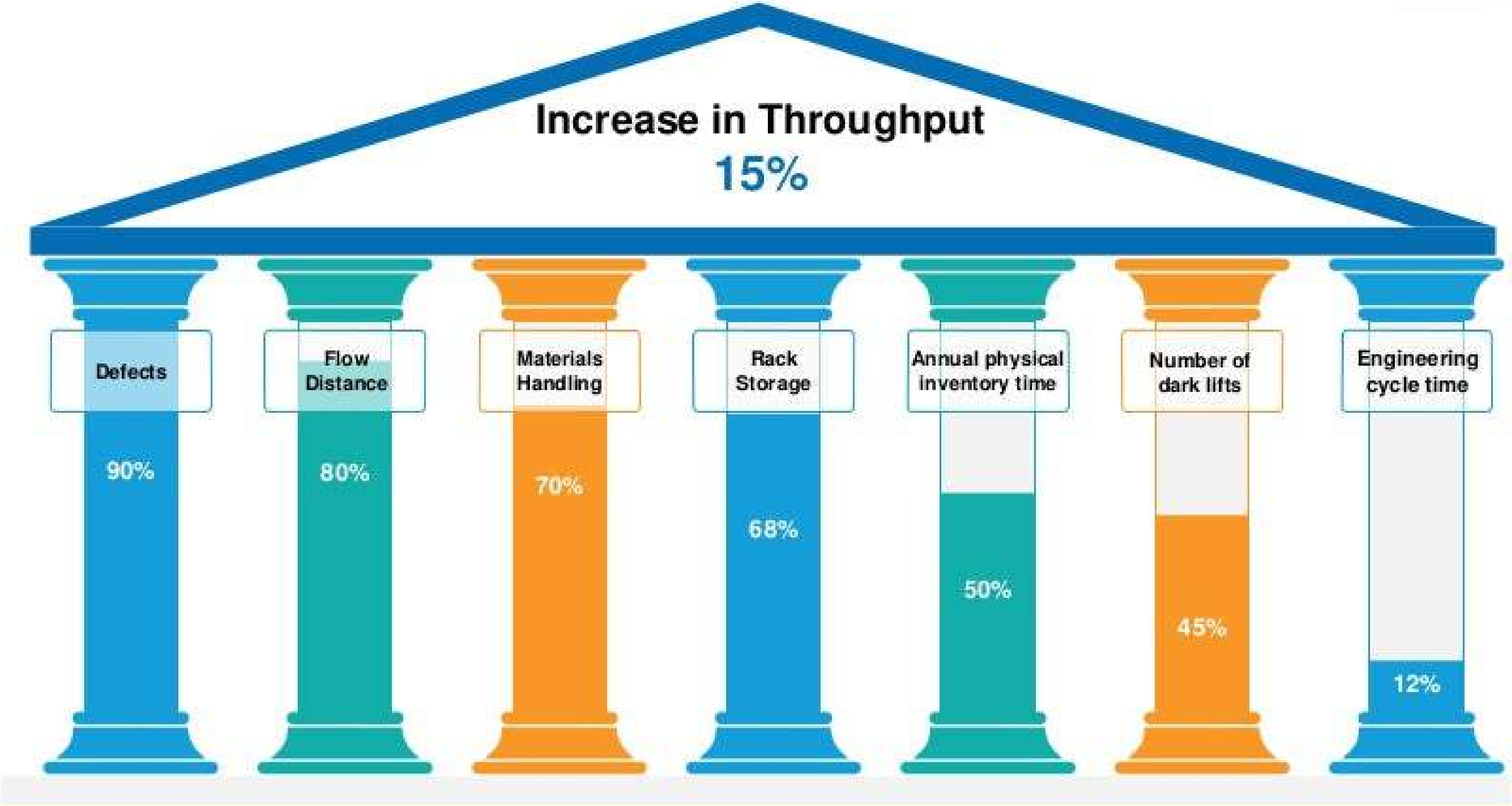
Aggregate Production Planning (2/2)

A	B	C	D	E	F	G	H	I
Month	# of Workers	# Hired	# Fired	# of units per workers	Production (BxE)	Cum. Product.	Cum Demand.	Inventory
January	267		33	2.931	783	783	780	3
February	183		85	3.517	640	1423	1420	3
March	342	160		2.638	902	2325	2320	5
April	316		27	3.810	1200	3525	3520	5
May	321	306		3.224	2002	5527	5520	7
June				2.198	2000	7527	7520	7
Total		755	145					30

Total Cost = 755(500)+145(100)+30(80) = 524,900

Lean Manufacturing

Benefits of Effective Lean Techniques and Management



Inventory Scheduling

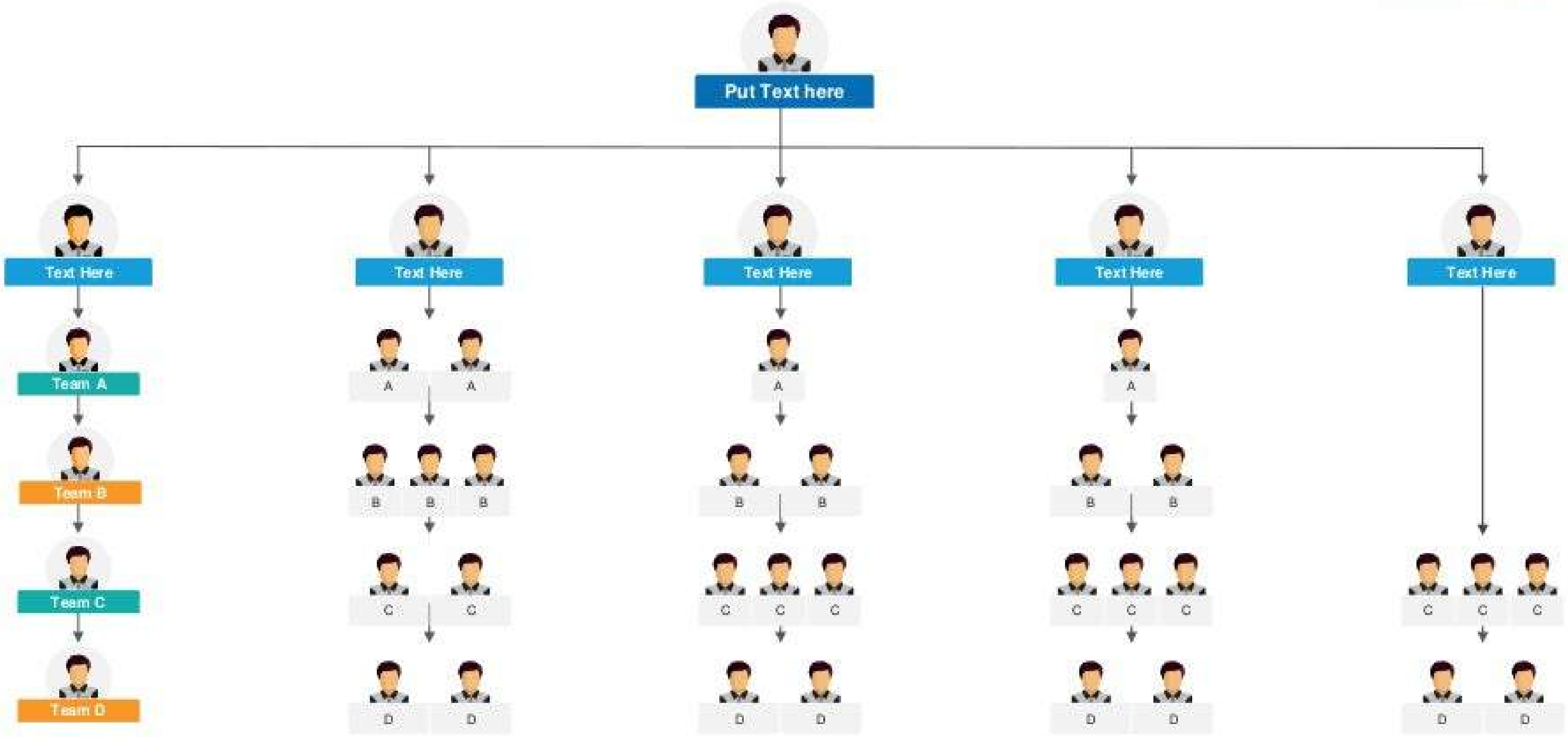
Company Name	ABC Company
Item Name	Book1
Date	9-oct-09
System Parameters	
Initial Inventory	500
Safety Stock level	150
Order Quantity	350
Lead Time (week)	3
Cost	
Weekly Holding cost (per unit)	1
Unit cost	2
Order Cost	20
Weekly Penalty (backorder) Cost	3

	Beginning of the Week				End of the Week				Weekly Cost		
Date	Order Arrived	Net Inventory	Inventory Position	Demand	Net Inventory	Order Placed?	Order Arrived date	Order Quantity	Holding Cost	Var. Order Cost	Fixed Cost
10/9/2009	0	500	500	70	430	No		0	430	0	0
10/16/2009	0	430	430	60	370	No		0	370	0	0
10/23/2009	0	370	370	70	300	No		0	300	0	0
10/30/2009	0	300	300	90	210	No		0	210	0	0
11/6/2009	0	210	210	100	110	Yes	11/27/2009	350	110	700	20
11/13/2009	0	110	110	100	10	Yes	12/4/2009	350	10	700	20
11/20/2009	0	10	10	45	-35	Yes	12/11/2009	350	0	700	20
11/27/2009	350	-35	315	55	260	No		0	260	0	0

Project Management

- **Project Team**
  - *Project team structure*
  - *Project team matrix*
- **Roles & Responsibilities Matrix**
- **Project Management KPI Dashboard, Metrics**
- **Work Down Structure**
- **RASCI Matrix**
- **Project Controls**
  - *Project controlling process*
  - *Project controlling tools*

Project Team(1/2)



Project Team(2/2)

Slide Team
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Project Name

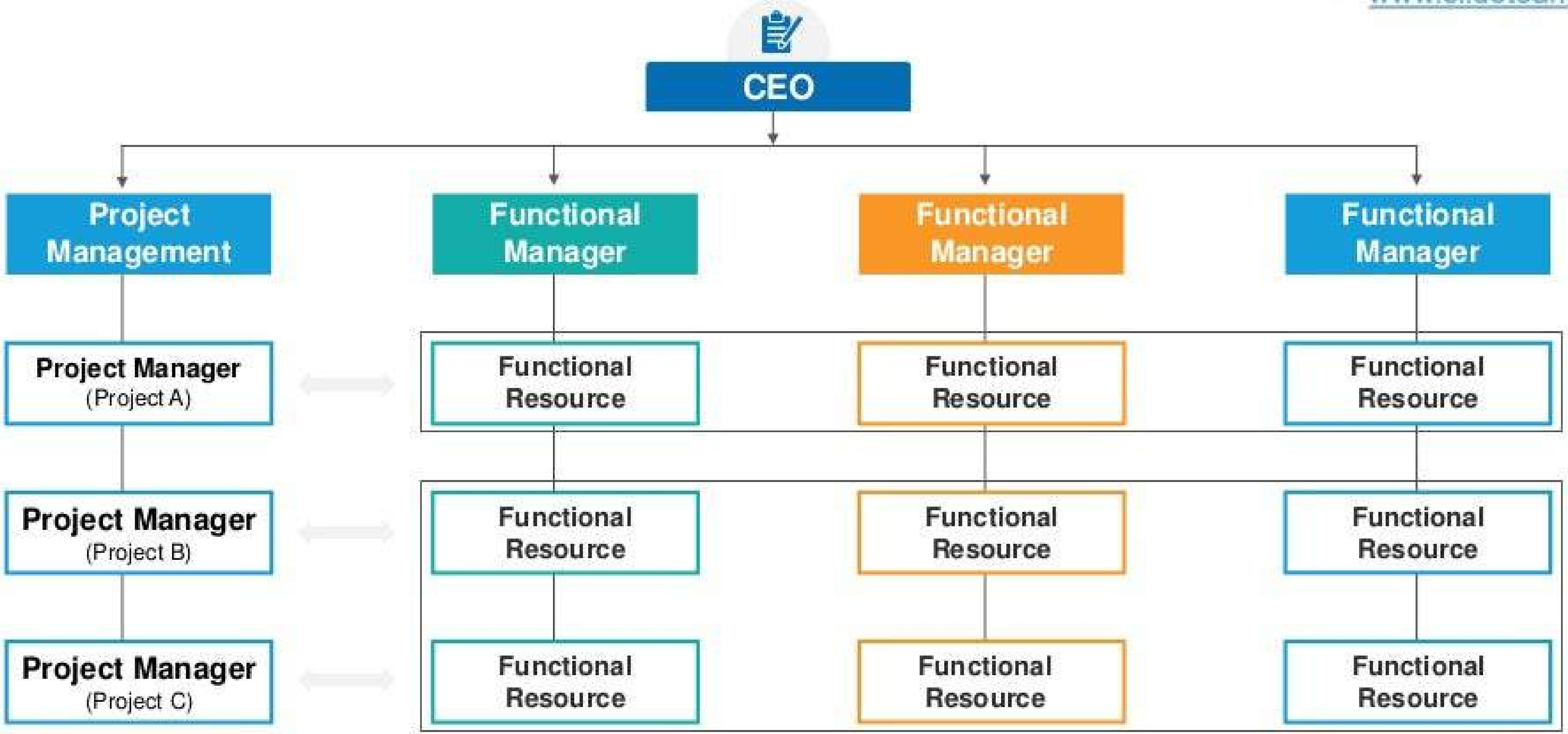
Proposal Project Manager

Function	Name	Phone	Email	Leave of Absence
Project Manager	<Name>	<Phone Number>	<Email Address>	

Proposal Project Manger

Function	Name	Phone	Email	Time Portion (%)
<Your Function>	<Name>	<Phone Number>	<Email Address>	100%
<Your Function>	<Name>	<Phone Number>	<Email Address>	100%
<Your Function>	<Name>	<Phone Number>	<Email Address>	75%
<Your Function>	<Name>	<Phone Number>	<Email Address>	25%
Alternative: Department	<Name>	<Phone Number>	<Email Address>	00%

Project Team Matrix



Matrix Organization

Roles & Responsibilities Matrix

	Jeff	Michael	Reto	You	Alex	Anna	Bill	Cindy	Felix	Gred	Hans	John	Livia	Luc	Marco	Paul	Peter	Sue	Ted	Tim
Planning/ Schedule	R	A	I	C					C											Q
Risk Management		I	I	Q						A								R		
Quality Management			R	C						R										A
Procurement				R		Q				R								R		A
1. Specifications listing										R								R		R
2. Site Requirements		C	A	R	Q						R									
3. Call for Tenders				Q	A	R	C				R							R		
4. Budget Approval				A	Q					R							R			R
5. Contract Negotiations			A		Q	R	R											R		

*R Responsible (works on), *A Accountable, *C Consulted, *I Informed, *Q Quality reviewer

RASCI Matrix

	RASCI Model Drop Shipping Business Process		Drop shipping supplier/ owner	Drop shipping supplier/ employee	Drop shipping supplier/ employee2	Bank	Retailer/ Owner	Retailer/ Employee	Express service/ Courier	Accountant	Customer
	Activity	**Documents**	Fill for each & activity: ® responsible, (A) Accountable, (S) Support, © Consulted, (I) Informed*								
	Purchase of Goods										
1	Initiate manufacturing or purchase of item	Production Plan/ Invoice	A	R						I	
2	Perform Quality Inspection on produced item		A	R							
3	Place Received item in stock warehouse		A	R							
	Sales Process										
4	Order Received at web shop/ retailer for item from supplier	Order						C			A
5	Send order 7 delivery address to supplier	Order	I				A	R			
6	Verify payment received by retailer	Bank Statement				C	A	R		I	
7	Execute payment of supplier for ordered item	Bank Statement	I		A	R	A	R			
8	Send customer confirmation receiving order & Payment							R			
9	Verify payment received by supplier	Bank Statement	A	R							
10	Send retailer payment received notification & confirm	Order Confirmation	A	R			I				
	Transportation Process										
11	Initiate delivery of item 7 send order to warehouse	Picking Order		AR							
12	Select express service 7 arrange order pickup	Express Bill					I				

R=Responsible | **A**=Accountable | **S**=Supportive | **C**=Consulted | **I**=Informed

Work breakdown Structure(1/2)

WBS Tree Diagram Template			
Project Title		Company Name	
Project Manager		Date	

Project Title

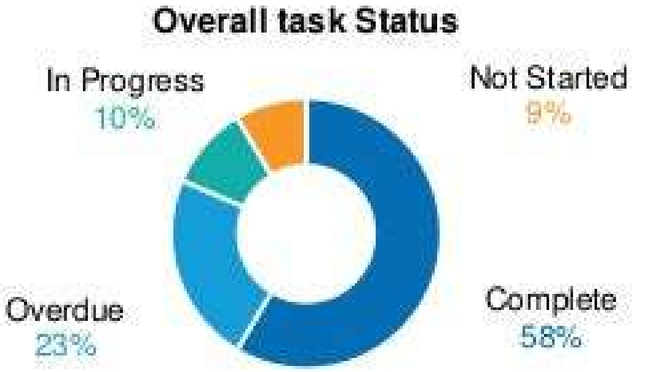
- 1 Activity Title
  - 1.1 Task
    - 1.1.1 Subtask
    - 1.1.2 Subtask
    - 1.1.3 Subtask
    - 1.1.4 Subtask
    - 1.1.5 Subtask
  - 1.2 Task
    - 1.1.1 Subtask
    - 1.1.2 Subtask
    - 1.1.3 Subtask
    - 1.1.4 Subtask
    - 1.1.5 Subtask
  - 1.3 Task
    - 1.1.1 Subtask
    - 1.1.2 Subtask
    - 1.1.3 Subtask
    - 1.1.4 Subtask
    - 1.1.5 Subtask
- 2 Activity Title
  - 2.1 Task
    - 2.1.1 Subtask
    - 2.1.2 Subtask
    - 2.1.3 Subtask
    - 2.1.4 Subtask
    - 2.1.5 Subtask
  - 2.2 Task
    - 2.1.1 Subtask
    - 2.1.2 Subtask
    - 2.1.3 Subtask
    - 2.1.4 Subtask
    - 2.1.5 Subtask
  - 2.3 Task
    - 2.1.1 Subtask
    - 2.1.2 Subtask
    - 2.1.3 Subtask
    - 2.1.4 Subtask
    - 2.1.5 Subtask
- 3 Activity Title
  - 3.1 Task
    - 3.1.1 Subtask
    - 3.1.2 Subtask
    - 3.1.3 Subtask
    - 3.1.4 Subtask
    - 3.1.5 Subtask
  - 3.2 Task
    - 3.1.1 Subtask
    - 3.1.2 Subtask
    - 3.1.3 Subtask
    - 3.1.4 Subtask
    - 3.1.5 Subtask
  - 3.3 Task
    - 3.1.1 Subtask
    - 3.1.2 Subtask
    - 3.1.3 Subtask
    - 3.1.4 Subtask
    - 3.1.5 Subtask
- 4 Activity Title
  - 4.1 Task
    - 4.1.1 Subtask
    - 4.1.2 Subtask
    - 4.1.3 Subtask
    - 4.1.4 Subtask
    - 4.1.5 Subtask
  - 4.2 Task
    - 4.1.1 Subtask
    - 4.1.2 Subtask
    - 4.1.3 Subtask
    - 4.1.4 Subtask
    - 4.1.5 Subtask
  - 4.3 Task
    - 4.1.1 Subtask
    - 4.1.2 Subtask
    - 4.1.3 Subtask
    - 4.1.4 Subtask
    - 4.1.5 Subtask

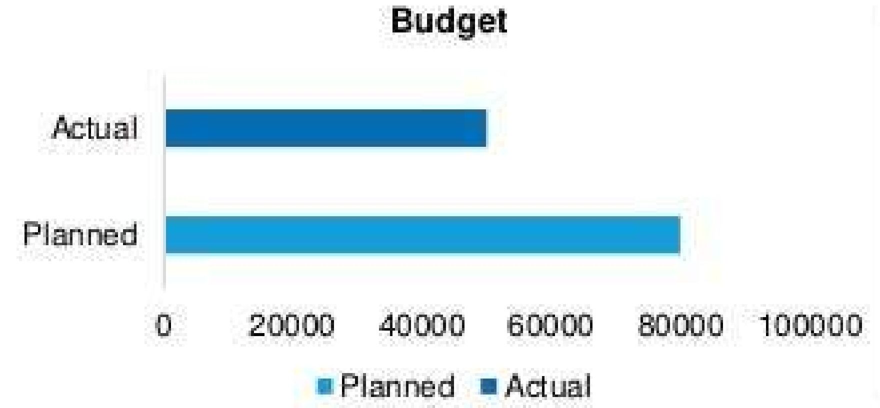
Work breakdown Structure(2/2)

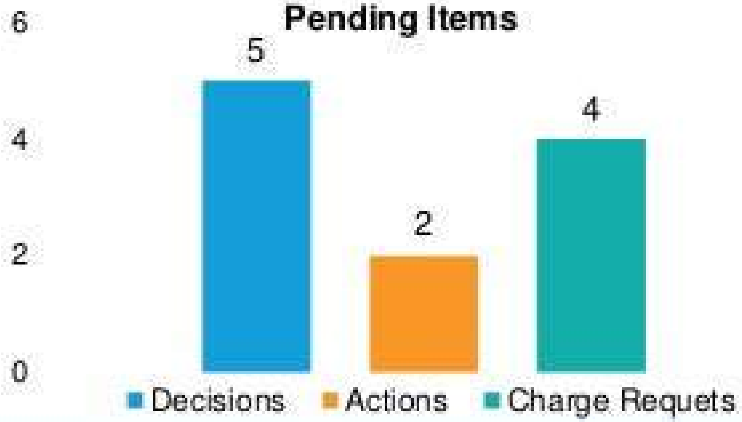
	WBS	Name	Duration	% Comp	Start	Finish	Predecessors
1	1	Operations	16d	10%	Mar 6	Mar 27	
2	1.1	Planning Summary	11d	23%	Mar 6	Mar 20	
3	1.1.1	Task 1	5d	50%	Mar 6	Mar 12	
4	1.1.2	Task 2	6d	0%	Mar 13	Mar 20	3
5	1.2	Managing Summary	10d	0%	Mar 13	Mar 26	
6	1.2.1	Task 3	5d	0%	Mar 13	Mar 19	3
7	1.2.2	Task 4	4d	0%	Mar 21	Mar 26	6.4
8	1.3	Execution Summary	6d	0%	Mar 20	Mar 27	
9	1.3.1	Task 5	6d	0%	Mar 20	Mar 27	6
10	1.3.2	Task 6	0d	0%	Mar 27	Mar 27	9

Project Management Priority Dashboard

Tasks	Assigned To	Priority	Status
Set kick – off meeting	Alex B.		Complete
Agree on objectives	Frank C.	★	Complete
Detailed Reqs.	Jacob S.		Complete
Hardware Reqs.	Jacob S.	★	Overdue
Final Resource Paln	Jacob S.		In Progress
Staffing	Alex B.	★	In Progress
Technical Reqs.	Frank C.		Not started
Testing	Kennedy K.	★	Not started
Dev. Complete	Jacob S.	★	Not started
Hardware Config.	Alex B.		Not started
System Testing	Kennedy K.	★	Not started
Launch			

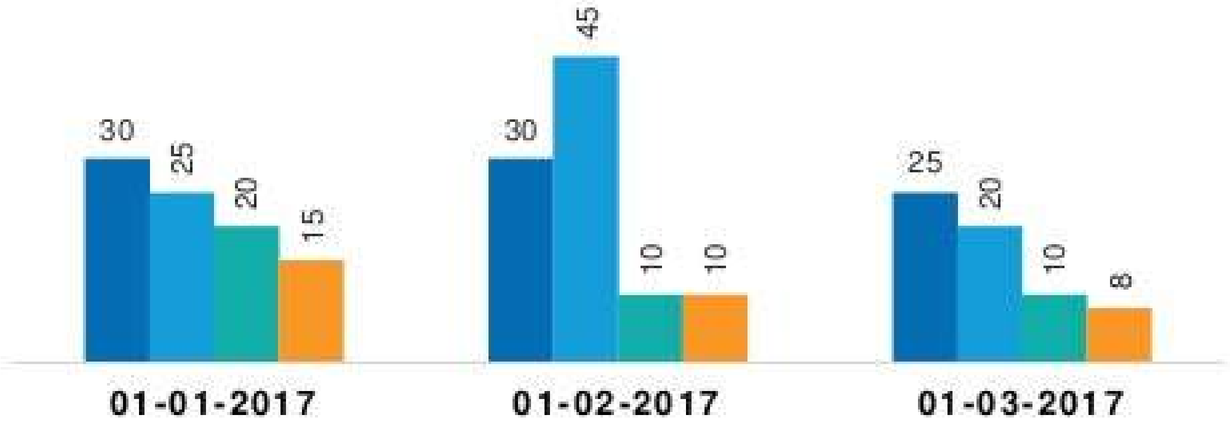






Project Management Monthly Growth Dashboard

Project Progress



Project Spend

$12,521,000 Total Sales $13,000,000	$12,521,000 Total Sales $13,000,000	$12,521,000 Total Sales $13,000,000

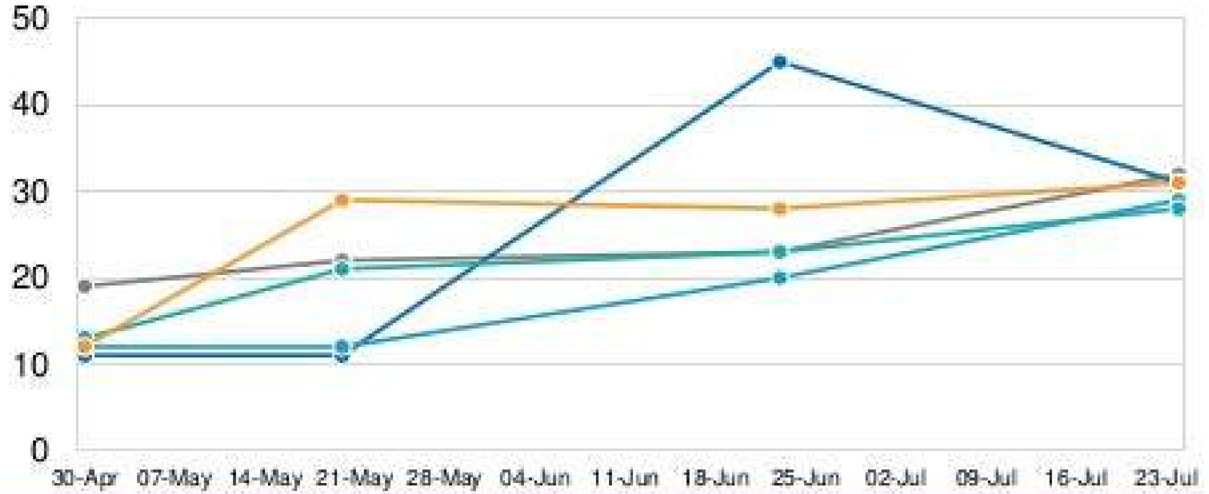
Sale Graph by Month

9.303
Sales in 12 Month

181.052
Referrals in 12 Month

181.052
Referrals in 12 Month

Sale Graph by Month



Project Status KPI Metrics

Sales by Months

Sales in 12 Months

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Referrals in 12 Months

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Project Status KPI Metrics

Project Spend

Design

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Develop

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Testing

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Project Controlling Process

Project Planning

Schedule Planning & Development

- Scope Development
- Execution & Contracting Strategy
- Risk Analysis & Contingency

Cost Estimating & Budgeting

Project Control Execution

Schedule Management Execution

- Change Management
- Progress Measurement
- Risk & Contingency Management

Cost Control

Project Performance Assessment

Schedule Performance Assessment

- Performance Measurement
- Forecasting
- Variance Analysis

Cost Performance Assessment

Project Control Reporting & Communication

Schedule Performance Reporting

- Project Status Reporting
- Communication Plan
- Project Controls Deliverables

Cost Performance Reporting

Project Controls Tools

Planner/ Scheduler Tools

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Cost Controller Tools

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Cost/Schedule Risk Analyst Tools

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Cost Estimator Tools

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Coffee Break

11:00 am-11:15 am

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Puzzle

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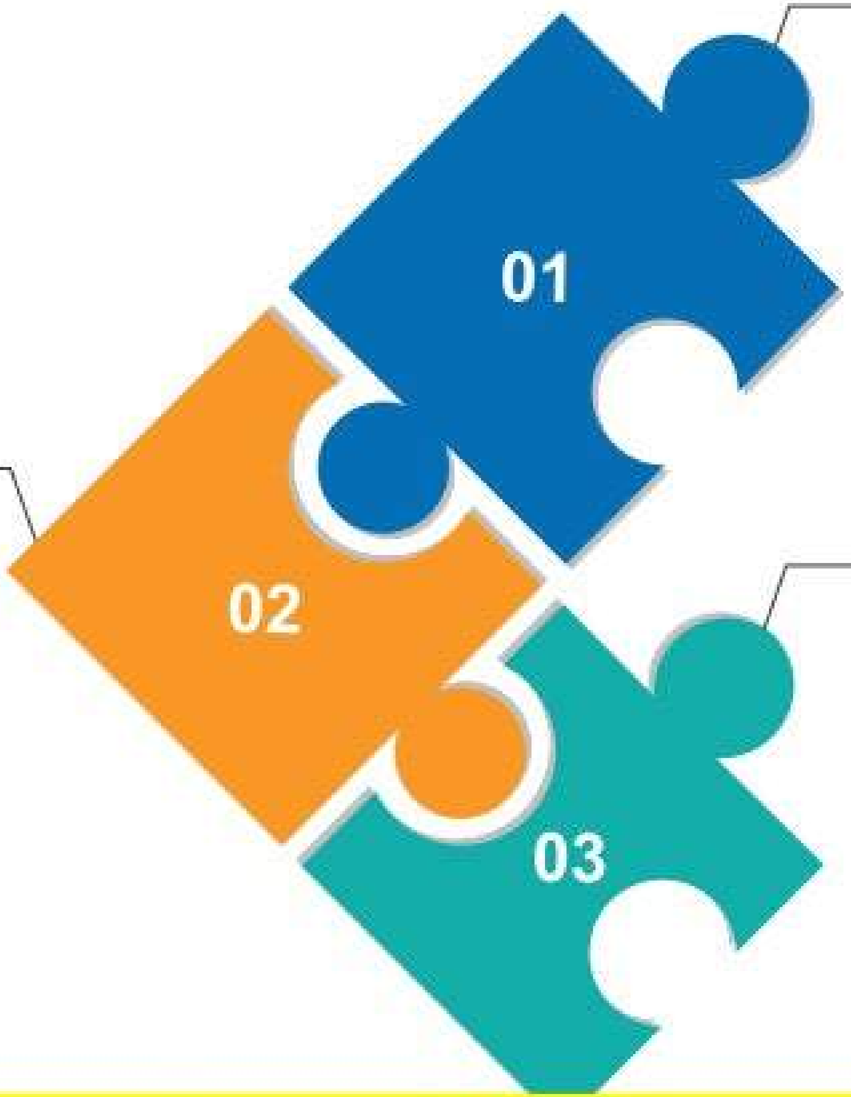

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 # street number, city, state

Contact Numbers:
0123456789

Email Address:
emailaddress123@gmail.com