

RIQTek Manager

Application Lifecycle Management Software



Address New Challenges

Business Environment

Changing Requirements

Shorter Product Life

Faster Delivery

Operations

Outsourcing

Distributed Teams

Status and Ownerships

Cultural Differences

Knowledge Transfer

Choice of Methodology

Agile Method (eXtreme Programming)

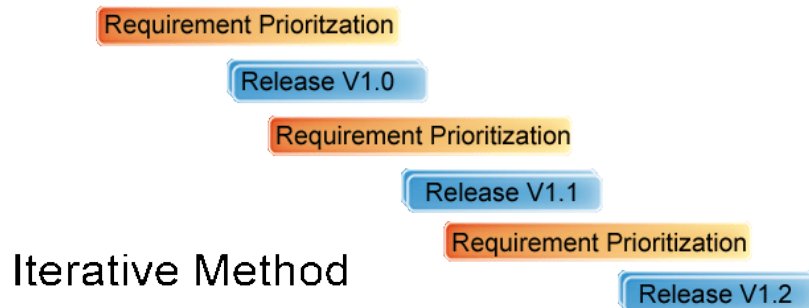
A form of Iterative Method.

Focus on best practices for Engineers.

CMMI® (Capability Maturity Model Integrated)

A model for progressive organizational process improvements.

Can be based on Iterative Method.



RIQTek Manager

Support Iterative Methods

Workflows for Best Practices.

Metrics for Organizational Improvements

Support ISO, Agile, CMMI, etc.

Benefits of Lifecycle Management

Add and Manage Test Case via Request Reports – Clarify requirements

Add and Manage Defects Reports via Test Cases – Identify cause of defects

Add and Manage Test Cases via Defect Report – Increase test coverage

Add and Manage Request Report via Defect Reports – Prevent defects through design

Add and Manage Request Reports via a Request Report – Track requirement changes

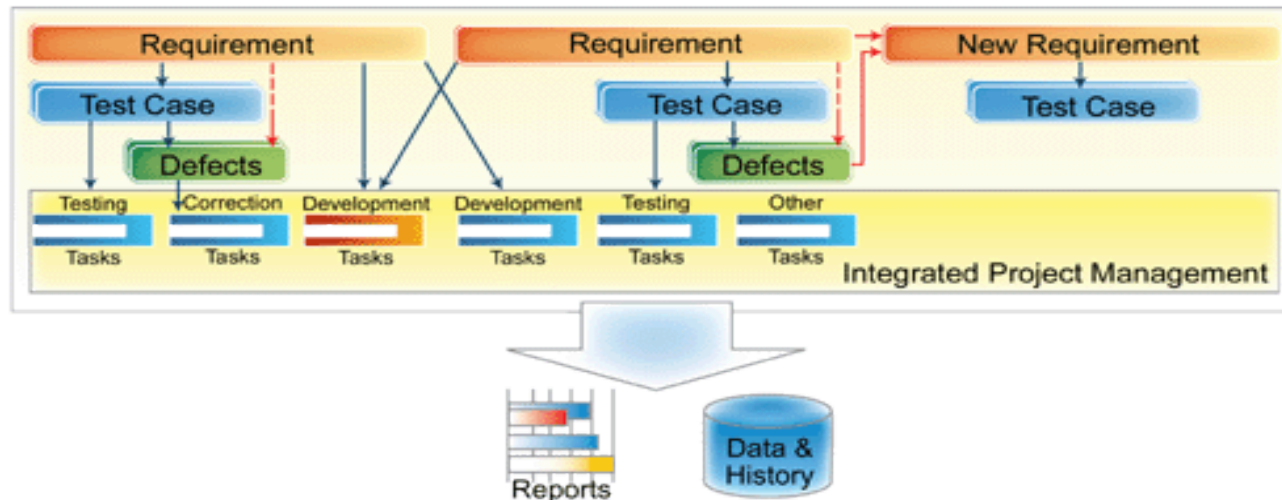
Track progress and status of a development from beginning to the end!

Manage and track tasks created during the execution

Assign tasks via a Request report, a Test Case, or a Defect report

Track the relationship between tasks and components of development lifecycle.

Tasks created from different sources are managed in one place!



Integrated Project Management

Track the relationship between tasks and components of development lifecycle.

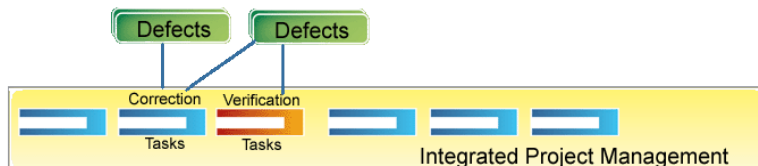
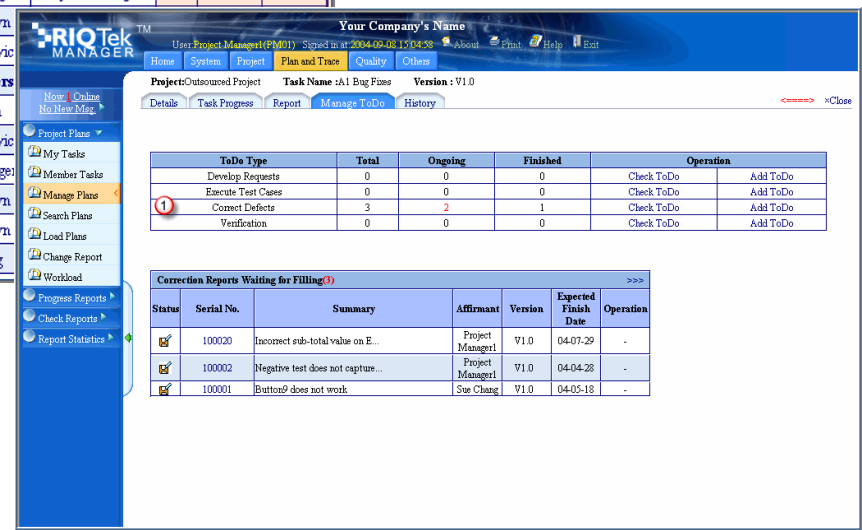
Track progress, schedule, and effort for the development of a requirement.



Manage Plans

Outsourced Project *V1.0* All Tasks <ToDo List Style> Refresh Batch Add Batch Editin Add Task

Task Name	Version	Task Type	Start Date	Finish Date	Progress	Assign To	Affirmant	Total	Ongoing	Finished
System Request	V1.0	Other	04-03-23	04-03-30	55%	Project Manager1	Project Manager1	1	0	1
[Planning] Milestone1-Design	V1.0	Task Folder	04-04-01	04-04-13	100%	< All Members >	Project Manager1	0	0	0
Set up Development Environment	V1.0	Other	04-04-01	04-04-13	100%	Mark Brown	Project Manager1	0	0	0
Design 1	V1.0	Other	04-04-01	04-04-13	100%	Project Manager1	Project Manager1	0	0	0
[Processing] Milestone2-Coding	V1.0	Task Folder	04-04-14	04-05-16	20.97%	< All Members >	Project Manager1	5	3	1
Coding A1 GUI	V1.0	Develop	04-04-14	04-04-28	20%	Mark Brown	Project Manager1	2	1	1
Coding A1	V1.0	Develop	04-04-14	04-04-28	30%	Mark Brown	Project Manager1	2	2	0
Coloring System	V1.0	Develop	04-05-14	04-05-16	0%	Mark Brown	Project Manager1	1	1	0
[Planning] Milestone3-Test	V1.0	Task Folder	04-04-25	04-05-18	6.67%	< All Members >	Project Manager1	6	5	1
A1 Bug Fixes	V1.0	Develop	04-04-25	04-05-18	40%	Mark Brown	Sue Chang	3	2	1
A1 Testing	V1.0	Other	04-04-25	04-05-18	0%	Sue Chang	Project Manager1	2	2	0
Test Case Id: 100003	V1.0	Other	04-04-28	04-05-07	0%	Sue Chang	Project Manager1	1	1	0
[Planning] Milestone4-Release	V1.0	Task Folder	04-04-25	04-07-02	0%	< All Members >	Project Manager1	0	0	0
Compliance Testing	V1.0	Other	04-05-15	04-07-02	0%	Customer Service1	Project Manager1	0	0	0
Project Close	V1.0	Other	04-05-19	04-05-23	0%	Project Manager1	Project Manager1	0	0	0
Defect Corrections	V1.0	Other	04-05-03	04-05-21	0%	Mark Brown				
Testing Test Case Id: 100003	V1.0	Other	04-06-29	04-07-05	0%	Customer Service				
[Processing] Milestone One	V1.0	Task Folder	04-07-21	04-09-15	1.5%	< All Members >				
[Processing] Documents	V1.0	Task Folder	04-07-23	04-09-15	0%	CT Chen				
Help file for Project Status Report Web page	V1.0	Other	04-07-25	04-07-26	0%	Customer Service				
document aa	V1.0	Develop	04-09-11	04-09-15	0%	Project Manager1				
Developing Request Id:100004	V1.0	Develop	04-07-23	04-07-26	0%	Mark Brown				
Mark's Correction Task	V1.0	Rework	04-07-21	04-07-29	0%	Mark Brown				
Verifying Corrections for Sue	V1.0	Rework	04-07-23	04-07-29	5%	Sue Chang				

Task Progress

Task Name : A1 Bug Fixes Version : V1.0

Task Type	Total	Ongoing	Finished	Operation
Develop Requests	0	0	0	Check ToDo
Execute Test Cases	0	0	0	Check ToDo
Correct Defects	3	2	1	Check ToDo
Verification	0	0	0	Check ToDo

Correction Reports Waiting for Filling(0)

Status	Serial No.	Summary	Affirmant	Version	Expected Finish Date	Operation
✖	100020	Incorrect sub-total value on E...	Project Manager1	V1.0	04-07-29	-
✖	100002	Negative test does not capture...	Project Manager1	V1.0	04-04-28	-
✖	100001	Button0 does not work	Sue Chang	V1.0	04-03-18	-

Outsourcing Management

Clarity progress and status.

No more last minute surprises!

Contractor:

Submit Progress Reports
Submit Development Reports
Submit Testing Reports
Submit Correction Reports

Manager:

Validate Reports
Monitor Progress
Control Schedule, Cost, Scope,
and Quality

Progress Reports

2004-09-15 (Workday)(Wednesday) oDeveloper1(oDD01)

>> Task Information

Project Name:	Outsourced Project2-----[Project Mgr.:Administrator]	Start Date:	2004-09-02
Task Name:	RID10000: Development	Finish Date:	2004-09-04
Version:	Iteration 1	Task Type:	Develop
Assign to:	oDeveloper1(oDD01)	Affirmant:	
Assigned Effort:	6 Hour(s)	Used Effort:	0 Hour(s)
Unchecked Work Time:	0 Hour(s)	Last Update (date):	--
Task Description:			
Check Status:	No Status	Check Date:	
Check Notes:			

>> Add Data (*Must Fill)

Affirmant:[Administrator] Current Progress:[20%]

Select Calendar*: *Std. Calenda Progress*: 30 % Other Normal Work:0 Hour(s) Other OT Work:0 Hour(s)

Task Subclass	Add	Modify	Delete	Unit	Work Time*	OT	Work Content*	Notes	Delete
Coding	125			L	2 Hour(s)	<input type="checkbox"/>	Interface		<input type="checkbox"/>

More

Max size of uploaded files is 10,240K

Upload More Attachments

Browse...
Browse...

OK Cancel

Check Progress Report -- All Unchecked Progress Reports

Total 1 Record(s). Now is 1 Page/Total 1 Page

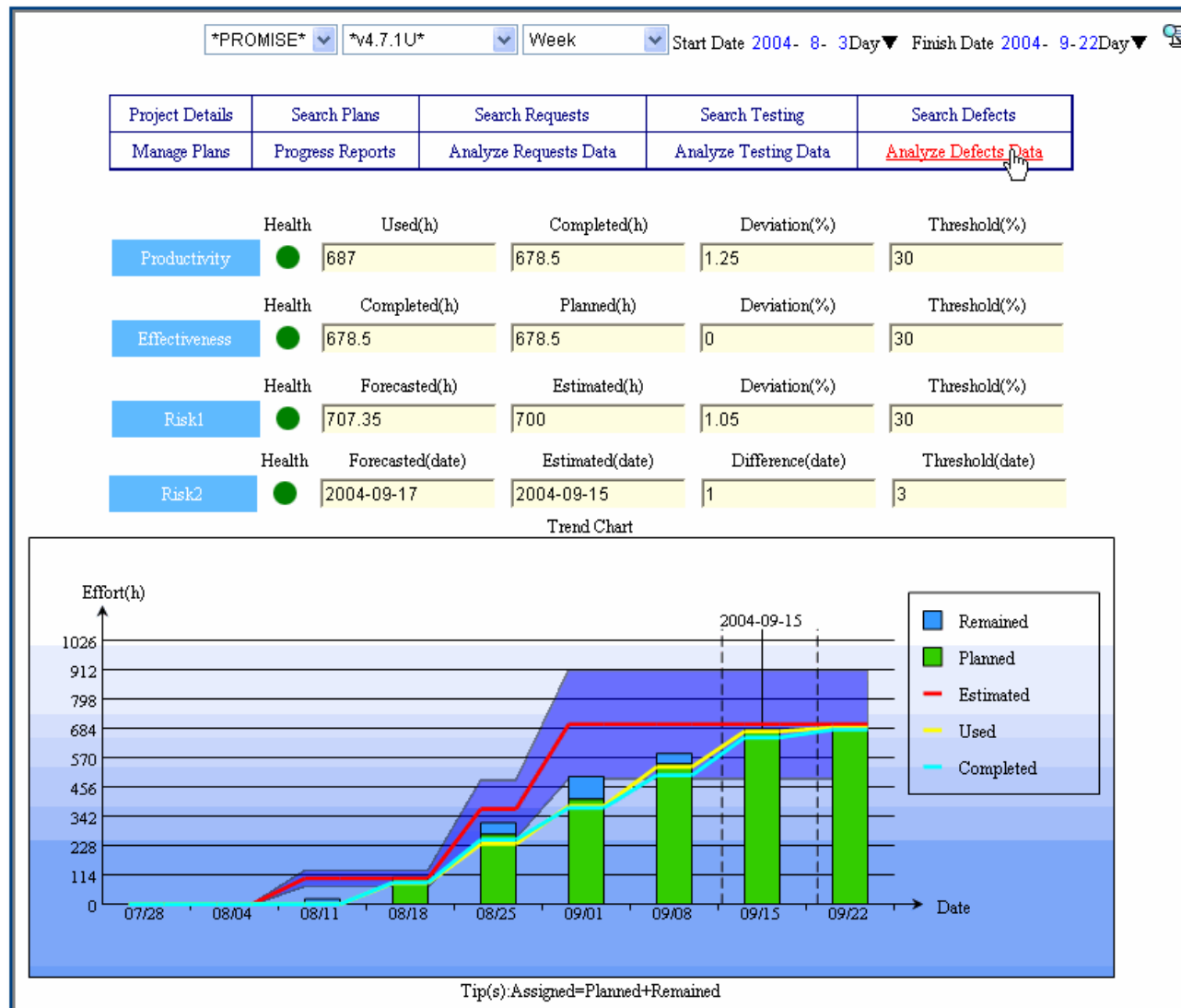
First | Prev | Next | Last Goto 1 Page

Check	Reporter	Date ^	Project Name	Task Name	Version	Work Type	Work Time	Work Content	Progress	Details
<input checked="" type="checkbox"/>	oDeveloper1	04-09-15	Outsourced Project2	RID10000: Development	Iteration 1	Develop	2 hours	Interface	30%	Check

☒ Confirm Progress **Accept**

High Level Governance

Metrics and chart to identify schedule, cost, scope, and risks



•Track progress and status

•Generate alerts during execution.

•Identify risks.

Requirement Management

Attributes in a requirement

Serial Number – uniquely identifies the requirement.

Description – describes the requirement

Expected results – describe the behavior.

Attachments – supporting material.

Priority – urgency

Significance – impact

Versions – desired and actual iteration of the implementation

Quantity – actual number of requirements.

Relevant Customer – name of the customer.

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Track attributes as well as the execution of requirements and changes.

Add Use/Test Case to clarify requirements

Log written discussions for knowledge building

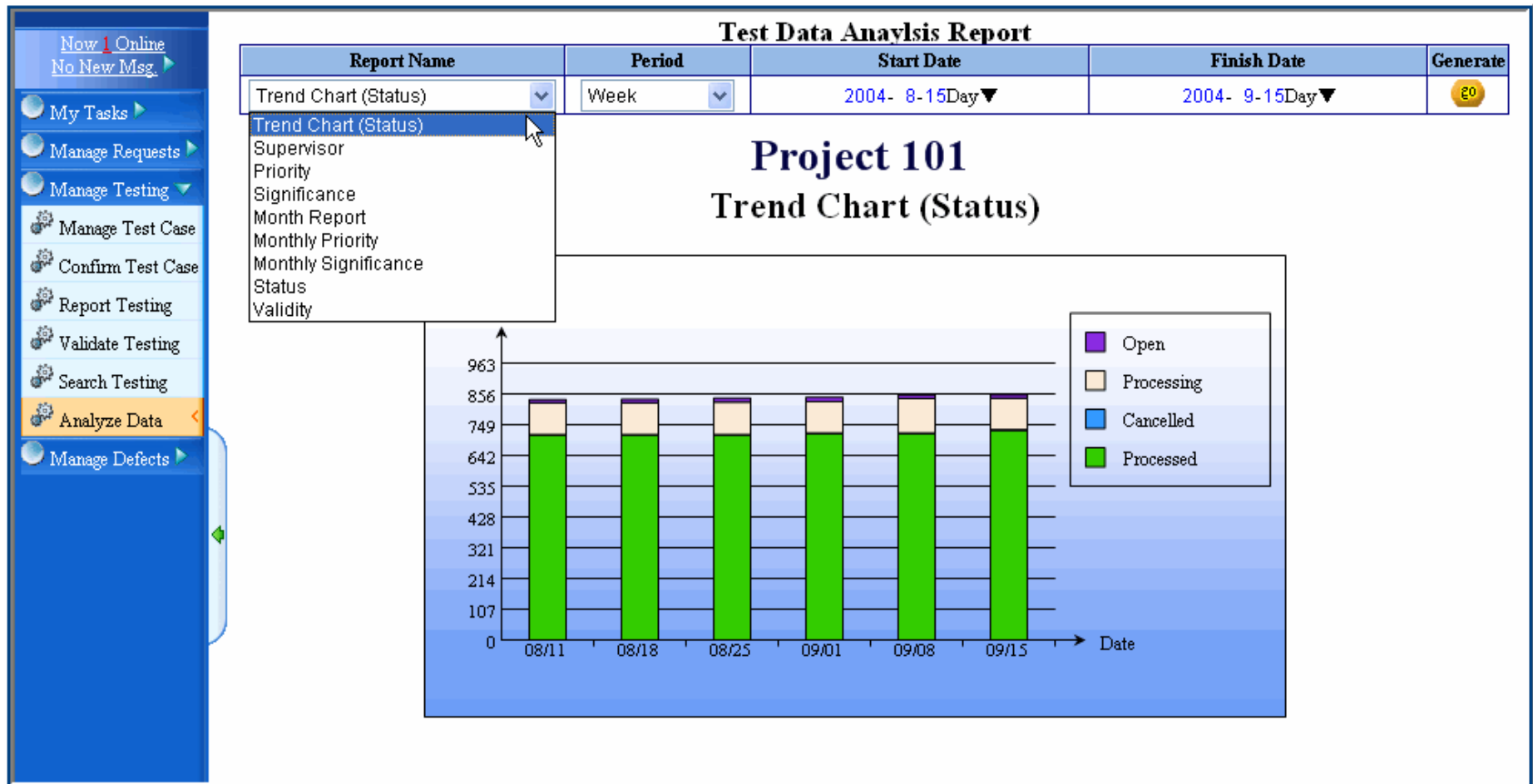
Track Progresses

Track Changes

Quantitative Analysis

Provide multiple analysis methods

For Example.- Use the Trend Chart (Status) option to show how fast test cases are created and completed.



Qualitative Analysis

Defects are more costly if discovered later.

Compare between Injection and Detection Phase of defects

Price/Performance Analysis

Find the correlations between defects and efforts

RIQTekTM MANAGER Your Company's Name
 User: Project Manager1(PM01) Signed in at: 2004-09-09 11:37:19 About Print Help Exit

Home System **Project** Plan and Trace Quality Others

Now Online
No New Msg.

Project Data
Project Status
Project Monitoring
Estimate Changes
Status Report
Effort Report
Qualitative Report

Qualitative Report

Outsourced Project *V1.0*

Defect Injection and Discovery		Injection Phase								Reported Phase	Defects (Injected)	Efficiency	Base	Deviation (Defect Found Rate)
		Planning	Analyze Requests	General design	Detail design	Coding	System Test	UAT	Maintainance	Other				
Reported Phase	Planning										0	2	0.00%	100.00%
	Analyze Requests						1				1	35	2.86%	95.92%
	General design		1					1			2	52	3.85%	94.51%
	Detail design							1			1	80	1.25%	98.21%
	Coding					2		5			7	208	3.37%	95.19%
	System Test				3	26	9	1	1	1	41	222	18.47%	79.48%
	UAT				3	45		31		1	80	234	34.19%	14.53%
	Maintainance		1	1	2	41	1			2	48	157	30.57%	69.43%
Other		2	31	17	22	15	10	13	1	19	130	134	97.01%	0.00%
Total		2	33	18	30	129	21	52	2	23	310			

Defect Injection to Effort Rate(unit/hour)		Total (Defects)	Total (Effort)	Defect Injection to Effort Rate
Injection Phase	Planning	2	1070.5	0.002
	Analyze Requests	33	1384	0.024
	General design	18	11038	0.002
	Detail design	30	3	10.000
	Coding	129	14982	0.009
	System Test	21	1473.4	0.014
	UAT	52	12	4.333
	Maintainance	2	1428	0.001
Other		23	4703.9	0.005
Coarse Defect Injection Rate		310	36094.8	0.009

Customization Service

Benefits of RIQTek's customized solution

Eliminate issues associated with the turnover of the personal.

Remove unnecessary functions that cause confusion.

Receive complete documentation of the software.

Utilize RIQTek's domain expertise.

Minimize training requirements.

Preset pricing structure.

Fast delivery.

Contact Us Today!

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