

QUICK-TRAC-NPI

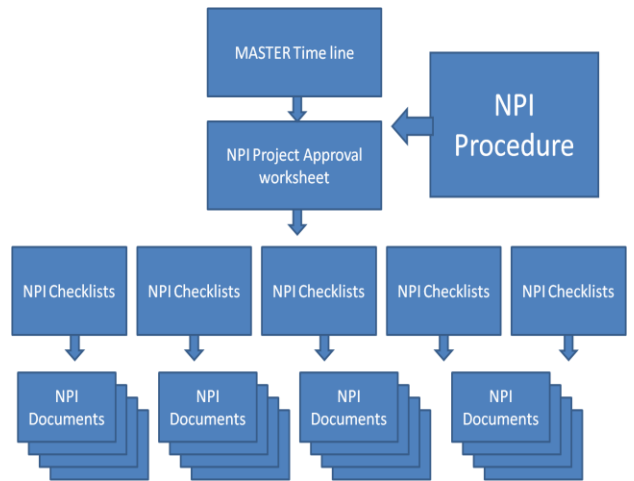
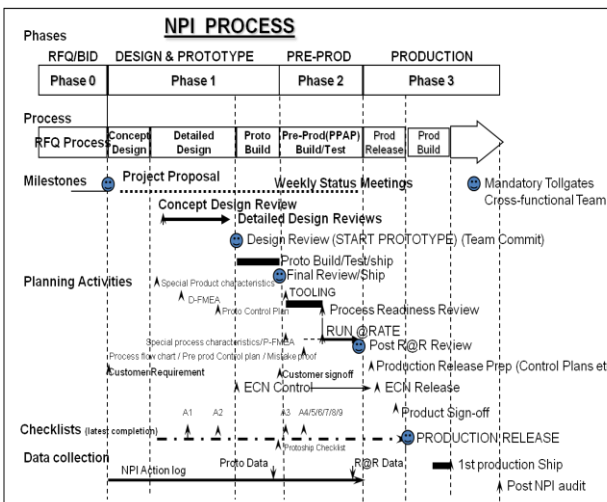
A computerized NEW PRODUCT INTRODUCTION (NPI) SYSTEM

OVERVIEW

- **An integrated yet expandable computerized system that provides a complete environment for launching and managing all your new products.**
- It can be scaled from single to multi users with no upper limit
- Can connect with your existing business system platforms such as MRP CAD/CAE financial costing systems etc
- Integrates all of your existing and future project team collaboration tools such as emails/Skype/net meeting/conference telephones/office desktop and MS Project Management into one toolkit.
- Provides secure yet flexible security
- Supports local and remote team members and solves the virtual product development environmental issues.

HOW our system works

- The information input starts by defining and entering a project and developing a project schedule using proven and preset templates.
- Once a schedule is defined then demands for information and the completion of key milestones to be closed via checklists are scheduled using this schedule and the project team undertakes the tasks needed to complete the data input and reach collaborative agreement that the checklist tasks are completed.



- Each project timeline is summarized with a NPI project approval worksheet that provides a documented electronic sign off by each team member.
- The whole system is controlled via procedures that can be interactively viewed to explain the process as the system is being used.
- A management screen that summarizes the status of all open projects is also available and is color coded for ease of review at the senior management level.
- All data is relational and real time..

Integrated Management Control Screens

1

NPI TEAM FEASIBILITY & COMMITMENT			
PROJECT #	Customer:		
Part #:	Part Name:	KICK OFF Date:	
RES NO	CONSIDERATION	SIZE	RESP. RESPONSIBILITY
FEASIBILITY PROFORMA			
Check initial and completed as much as possible?			
Is product adequately defined by previous P/working model?			
Can Customer Performance Specifications be met as written?			
Is manufacturing as indicated specified on drawing? - correct make drawings?			
Are customer lead concerns resolved on earlier team products?			
Do material quantities stated on drawing? - used on earlier products?			
Open Requests and pending budget check-off?			
Are all requirements for design check-off?			
Open projects created and kept off?			
DESIGN & TOOLING			
Design review checklist closed?			
Tooling design complete?			
Tooling build complete?			
Customer review - Manufacturing concept/operation/changes? - design rules met?			
Customer review - Manufacturing drawing review complete?			
Do all drawings with customer P/O by vendor?			
Do all drawings with vendor P/O by vendor?			
PRODUCTION PLAN			
Final plan - design reviewed and Open ACTION by updated?			
Material confirmation?			
Final prep - design check-off?			
P/O BY VENDOR			
Is there adequate capacity to produce product?			
Capacity available? - [] are you team budgeted?			
Timing - Equipment for demand?			
Materials cost?			
Supplier - manufacturing complete?			
PRODUCTION QUALITY CONTROL			
ISOCAP PLAN CONSIDERED?			
PROCESSES PREPARED?			
CONTROL PLAN?			
TOOLING ready? checklist closed?			
Workpieces released?			
Is the first article complete?			
FIRST PART OK?			
Do final production documentation?			
2% of all drawings off sheet?			
NPI release?			
Final prep production documentation?			
2% of all drawings off sheet?			
PRODUCTION RELEASE			
OK to BE READY			

- A management screen that summarizes the status of all open projects is also available and is color coded for ease of review at the senior management level.
- All data is relational and real time..

2

Project # 14		Product - Product B													
		Customer - Customer Number													
		Launch Date - Date of Acceptance													
		Material Number - Filter material review and content													
		Order Book - Production of P/O for Trade													
		Mfg Start - Timing of tools and processes													
		Customer Forecast and Actual - Approval													
		Start Production - Start Production													
		Quantity - Initial Order Quantity													
Project #	Project Manager	Customer #	Product	Launch Date	Materials Receipt	Tool Receipt	Comp.	Mfg Start	Comp.	Start Production	Ship Date	Order Qty	Expected	Actual	
11	Chris	UB00	U00 Filter	Jul 04/03	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04
12	Chris	UB00	Outlook	Exp 24/03	Exp 24/03	Jan 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04
15	Harley	Waf/Fung	Temp Storage	Jan 05/04	Oct 05/03	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04
24	Harley	Franko	805-02-12-12-12	Exp 04/03	Mar 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04
25	Harley	Franko	805-02-12-12-12	Exp 04/03	Mar 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04	Jan 05/04
38	Eng	BRAC	Waf/Fung Case 700	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04
40	Eng	Z-Teck	CP/ISS	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04
42	Frank	BRAC	Project # 14	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04
45	Eng	Waf/Fung	CP/ISS	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04
47	Eng	Z-Teck	CP/ISS	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04
48	James	BRAC	CP/ISS	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04	Feb 05/04
49	Chris	Z-Teck	Investigation	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04
51	Harley	Waf/Fung	810 Filter	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04
52	Harley	Umaroo	Filter 1300	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04
55	Harley	Franko	13 0/8	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04
56	Harley	Umaroo	13 0/8	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04	Mar 05/04

CURRENT NPI ISSUES

- Product team tasks are wasteful
- Key Resources consumed on admin
- Information input manual.
- Information management poor.
- Management visibility poor.
- NPI Procedures not systematized.

THE QUICK-TRAC SOLUTION

- One integrated project team environment
- Access by all team members without much effort
- Total 100% remote access and collaboration possible
- Project management/scheduling integrated tools .
- Can integrate the system with other business systems..
- Central management of data to ensure full security.
- An effective management “head up display”
Resource management and performance reporting
- Quick and easy exception reports
- Ability to set procedures via the system structure
- World class benchmarking performance measurement
- System defines and configure the team structures

Deployment options

- Business class hosting. Worried about purchasing hardware, software, or deploying/maintaining secure and available systems? We can host the software for you in world-class datacenters. Data availability and uptime is guaranteed.
- On premise deployment. If you prefer to own and fully control the technology, or may already own parts of the infrastructure, we can help you deploy the software in your organization.
- Mixed deployment. Having parts of the software on premise and other parts in the cloud is possible. Contact us about your requirements.

Technology

- SharePoint 2010
- Microsoft Office 2010/2007
- SQL Server 2008/2005