

How to Synchronize Workflows in Product Development

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Synchronizing Workflows

Organizing and managing the work concurrently to maximize the utility of incomplete yet stable data enables you to achieve flow across the enterprise and reduce time to market.













Goal Flow Down and Expectations

Program level targets established for costs



- High level
- Not actionable
- Team cannot influence all of them .
- Unclear how to make trade-offs



- Lowest level by fishbone
- Actionable due to granularity
- Influenceable by the team
- Enables trade-off discussions on material \$, sumT/FTE, quality, owner expectations

How we work

We will operate as a TEAM No functional slios The full team owns the success of the program Make the best 'big picture' decision and support team d Use healthy obtache when necessary Respect other perspectives, appreciate thought diversity Communicate, communicate Don't assume everyone knows Ask! If you are wondering, someone else is too

duct and Process are designed together Use fishbone, PFMEA, 9 step, process at a glance, 7 Ways and other tools to enable co-development Use DPM Aprinciples and software to analyze new parts, assembles and coass Use MODAPTS to estimate big T early, even before parts are available

Find problems early, simulate often It's ok to be 'red' but it's not ok to stay 'red' Find issues, offer solutions and resolve efficiently (PDCA)

No Red ergo items remaining at Pilot

Rev 0 release for tooling / equipment release Cross functional review of drawings required before release Treat confirmation and pre-pilot builds like production

Standardized Work at Confirmation build Full Manufacturing BOM complete by Pre Pilot Job instructions complete by Pre Pilot

Key Practices



Obeya

Communicate, communicate, communicate



Mock-ups

Simulate often

'It's ok to be red, it's not ok to stay red'

Schedule



PDCA

Find issues, offer solutions, resolve efficiently



Decisions

Make the best 'big picture' decision and support team decisions



Obeya

For the Team

If it didn't matter to the team, it didn't get posted Common gathering place Core team sat in the Obeya

Cadence and Escalation

Specific topics each day Defined escalation timing and participants



Mock-ups....Practice How We Want to Play











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Keys for Leading the Transformation



Don't be the bottleneck Push problem solving and decision making down to the people closest to the work



Overcome resistance Your ability to coach and mentor will be more important then your process or product knowledge



Create advocates

Find your 'fans' early and empower them to take up the mantle



Have some fun

You will struggle together, make sure you celebrate together

Time to apply the learning!

Decision Flow Mapping

















