Value Stream Management

A new way to manage a software delivery organization from strategy to delivery focusing on products and their value streams.
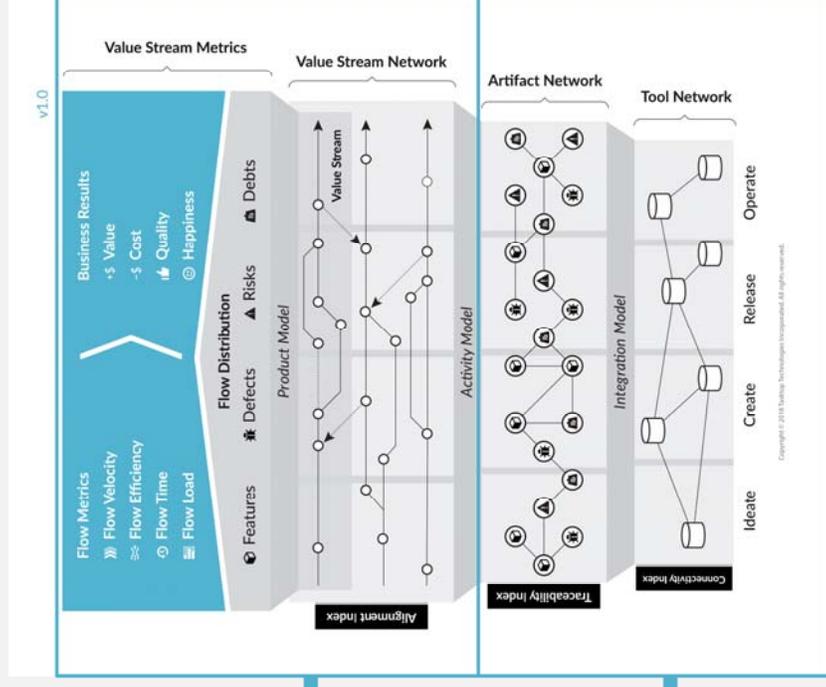
Value Stream Visibility Provides Connectivity to the Business

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## *Integration provides the paths which enable artifacts to flow*

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Flow Framework™

Tasktop's structured and prescriptive approach to executing Value Stream Management.

Value Stream Metrics
Value Stream Network
Artifact Network
Tool Network

v1.0

Flow Metrics
≫ Flow Velocity
⇄ Flow Efficiency
⏱ Flow Time
▥ Flow Load

Business Results
▸$ Value
–$ Cost
👍 Quality
☺ Happiness

Flow Distribution
⊙ Features ⁂ Defects ▲ Risks 🗌 Debts

Product Model
Activity Model
Integration Model

Value Stream

Alignment Index
Traceability Index
Connectivity Index

Ideate Create Release Operate

Flow Metrics

- Measure of software delivery
  - How many items delivered?
  - How many more that need to be delivered?
  - How quickly are items delivered?
  - How efficiently are items delivered?
  - How well are resources utilized?

Flow Metrics
- ≫ Flow Velocity
- ⩗ Flow Efficiency
- ↻ Flow Time
- ▥ Flow Load

Flow Distribution

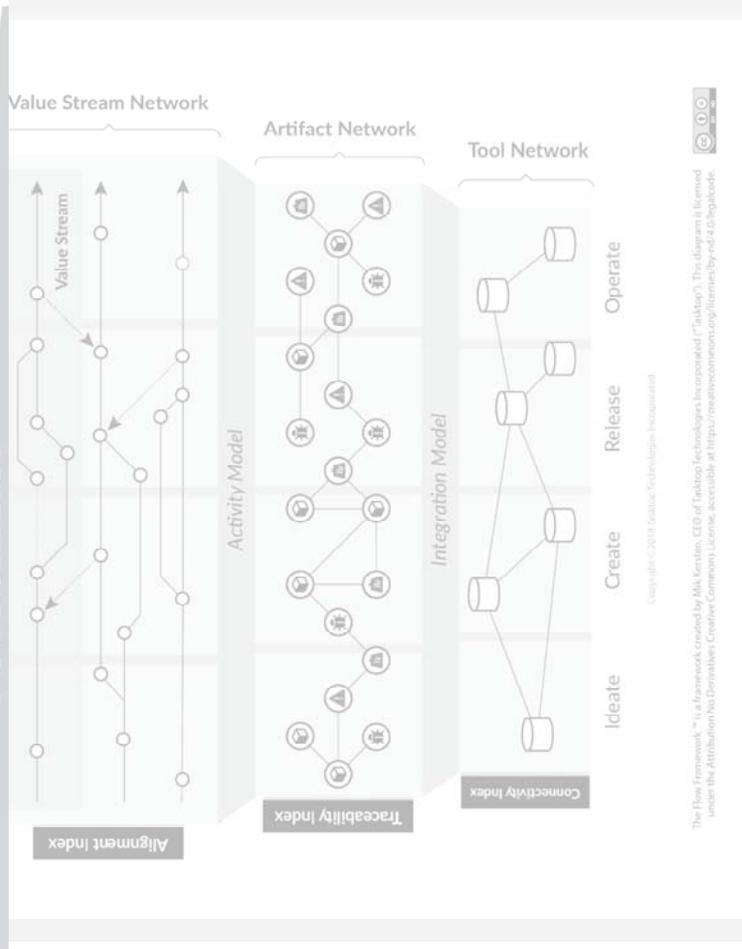TASKTOP
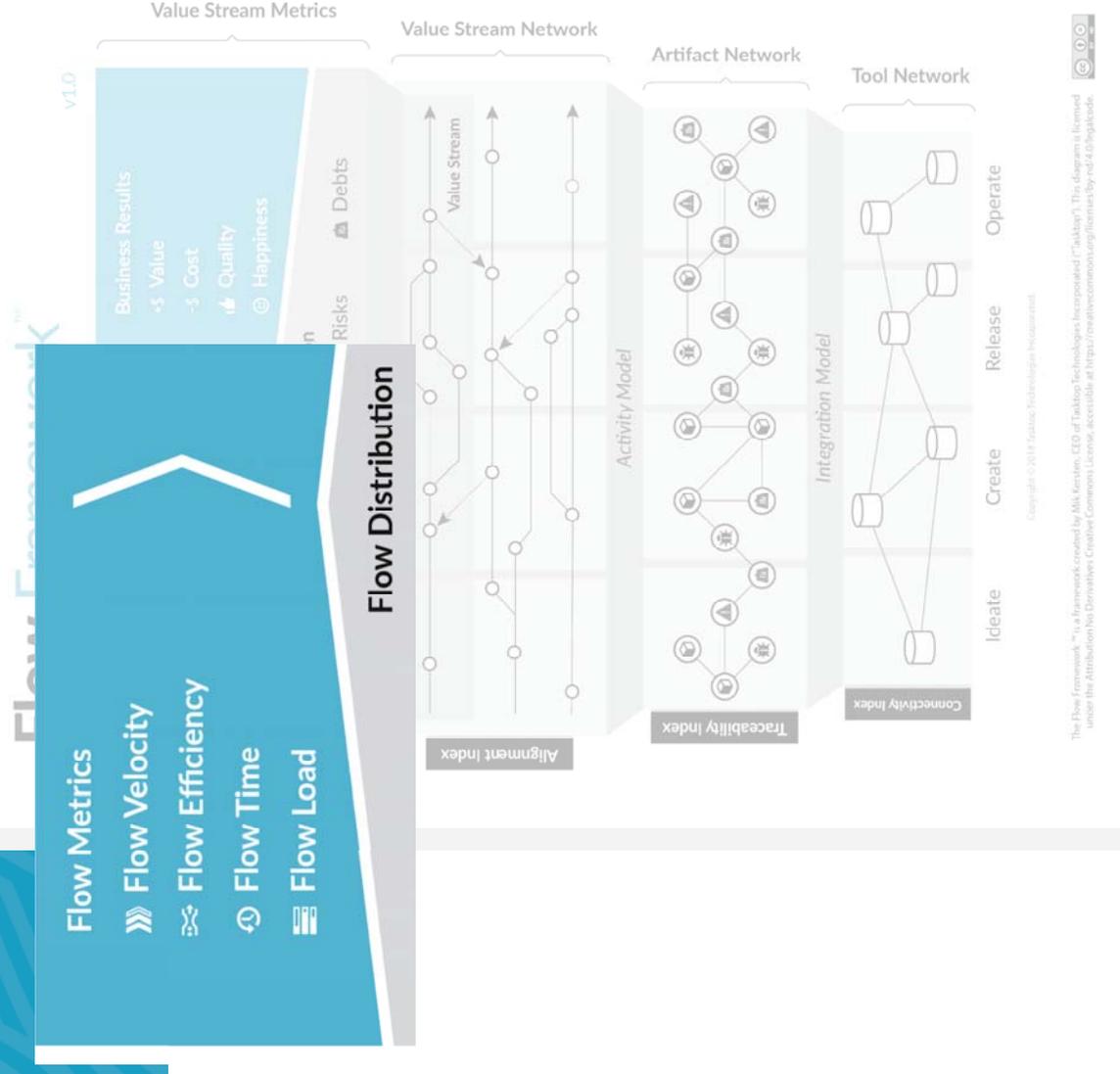
Business Results

- Business Results provide context that resonated with business
- Keeps business goals in the forefront
- Typical metrics
  - Value
  - Cost
  - Quality
  - Happiness

Flow Framework™

Flow Metrics
- » Flow Velocity
- ⚡ Flow Efficiency
- ⏱ Flow Time
- ▥ Flow Load

Business Results
- +$ Value
- –$ Cost
- 👍 Quality
- ☺ Happiness

Flow Distribution

Value Stream Network — Alignment Index

Artifact Network — Traceability Index

Tool Network — Connectivity Index

Value Stream
Activity Model
Integration Model

Ideate Create Release Operate

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Learning Outcomes

At the end of the training today you will be able to

- Describe the 5 Flow Metrics and 4 Flow Item types
- Able to map work items within a product value stream into the 4 Flow Items
- Able to model a Product Value Stream within your tool network
- Able to model the states within your Product Value Stream

TASKTOP

Tasktop Flow Metrics enable data-driven decision making per product value stream

FLOW VELOCITY
Understand productivity and value delievered

Features: 6
Defects: 15
Risks: 2
Debt: 0

FINISH

ACTUAL FLOW TIME
20 days

ACTUAL FLOW EFFICIENCY
16 %

ACTUAL FLOW DISTRIBUTION

Features	Defects	Risks	Debts
26 %	65 %	09 %	00 %

CLOSED

WAITING TIME
3 days

SLOW

FLOW LOAD
Balance demand vs capacity and find sweet spot over time

MAX CAPACITY
35

FLOW EFFICIENCY
Identify bottlenecks and excessive wait times

FLOW DISTRIBUTION
Make tradeoffs clear and set strategic direction

Features	Defects	Risks	Debt
45%	25%	15%	15%

FORECASTED ARRIVAL
10 - 14 days

FLOW TIME
Improve time to market predictability

START

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