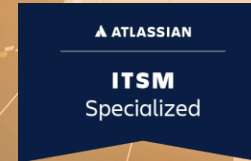


UNLEASH AGILITY ACROSS TOOLS AND TEAMS



Platinum
Solution Partner
ENTERPRISE



ENTERPRISE AGILITY....



We have started to
scale...

... but where are we
today and how can we
improve?

Measure
&
Grow...

...and what do
we measure?

... MEASURE FLOW

Flow Framework. v1.0

Flow Metrics

- Flow Velocity*
- Flow Efficiency*
- Flow Time
- Flow Load*

Business Results

- + Value
- Cost
- Quality
- Happiness

Flow Distribution*

- Features
- Defects
- Risks
- Dependencies

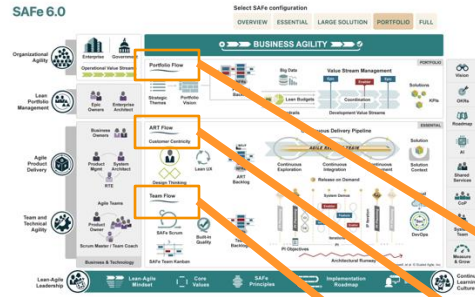
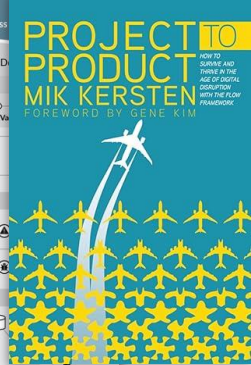
Product Model

Activity Model

Integration Model

Ideate Create Release Operate

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- Portfolio Flow
- ART Flow
- Team Flow

The principles of THE GOAL applied to projects

GOLDRATT'S RULES OF FLOW

EFRAIM GOLDRATT - ASHLAG

Lean Thinking

Trigger → Step 1 → Step 2 → Step 3 → Customer

REPEAT

Solution (value)

Principles

- 1 Precisely specify value by product
- 2 Identify the Value Stream for each product
- 3 Make value flow without interruptions
- 4 Let the Customer pull value from the producer
- 5 Pursue perfection

Community / Products / Jira Align / Articles / Measuring the Flow of Value Using Flow Metrics

Measuring the Flow of Value Using Flow Metrics

Sep 24, 2020

In the age of digital transformations, IT organizations and large enterprises are embarking on Agile transformations to stay competitive in their rapidly evolving markets and industries. Many large organizations adopt an Agile scaling framework such as Scaled Agile Framework (SAFe), Large Scale Scrum (LeSS), Scrum at Scale, Spotify model or even create their own way of scaling Agile with the goals of reducing waste, increasing efficiency and predictability, becoming more innovative, and getting products faster to market. Anyone that has had the experience of going through an Agile transformation knows how challenging and complex an undertaking it is and being able to change the way a large organization is structured and operates is a huge accomplishment in an of itself.



„Make value flow without interruptions“



FLOW

Mental state, person is fully immersed in a feeling of energized **focus**, full involvement, and **enjoyment** in the process of the activity.

Flow bezeichnet das als **beglückend** erlebte Gefühl eines **mentalen Zustandes völliger Vertiefung** (Konzentration) und **restlosen Aufgehens in einer Tätigkeit** („Absorption“), die **wie von selbst** vor sich geht



DOING IT THE RIGHT WAY....

The state of flow brings:

Work Enjoyment

Stress Reduction

Heightened Productivity

Increased Creativity

Improved Satisfaction

Elevated Motivation



FLOW KILLERS

HOW CAN WE DESTROY OUR FLOW?



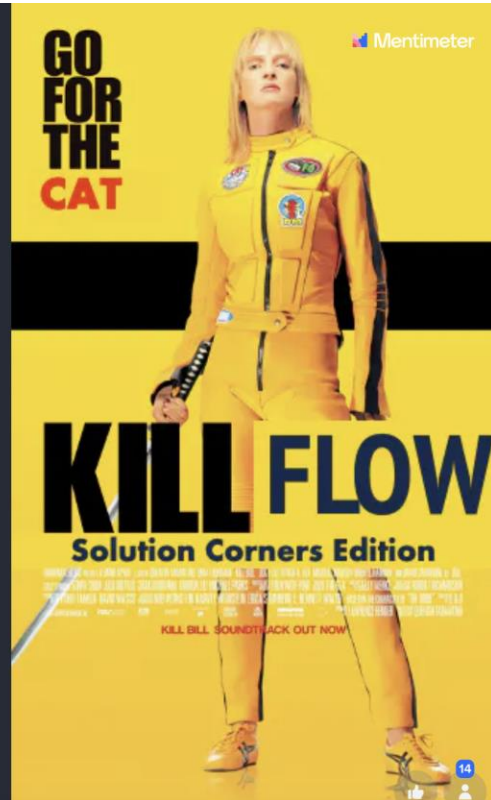
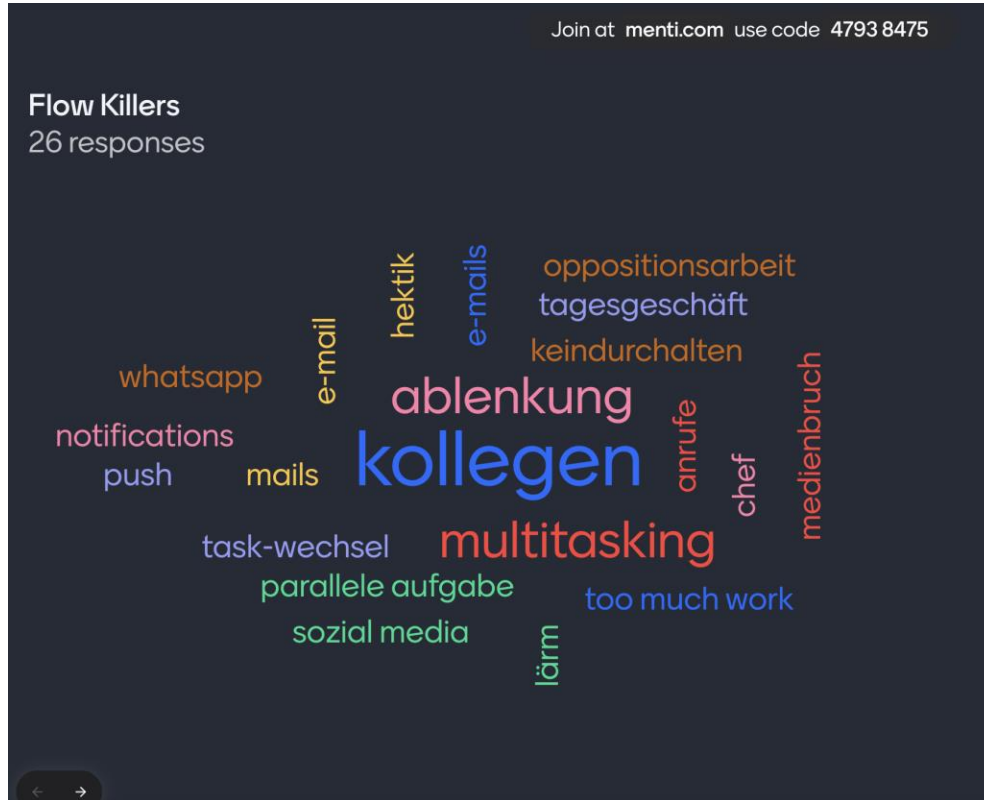
www.menti.com

4793 8475



[Show results](#)

RESULTS MENTI.COM



OUR FAVOURITES...

FLOW
KILLER
#1:

REACT TO
INTERRUPTIONS



FLOW
KILLER
#2:

TRY
MULTITASKING

It's not
THAT serious

... is it?



Kosten von Arbeitsunterbrechungen für deutsche Unternehmen

Auswirkungen von Fragmentierung auf Produktivität und Stressentwicklung

Studienteam

Vera Starker, Next Work Innovation Think Tank
Dr. Katharina Roos und Dr. Eva M. Bracht, Netzwert Partner GmbH
Daniel J. Hanke, Klenk & Horsch AG
Dr. Dirk Graudenz und Dr. Robert Coppik

Wissenschaftlicher Beirat

Prof. Dr. Volker Busch
Wissenschaftlicher AG-Leiter
Universität Regensburg
FA für Neurologie, FA für Psychiatrie

Prof. Dr. Rolf van Dick
Sozialpsychologe
Goethe-Universität Frankfurt a.M.

THINKTANK NEW WORK INNOVATION

<https://nextworkinnovation.com/studie-arbeitsunterbrechungen/>

- Data collection timeframe: Dec. 2021 to Feb. 2022
- Participants: 637 employees, 25 enterprises, 12 business areas (knowledge work)

#1

INTERRUPTIONS

- Employees are interrupted every 4th minute
- Lost time (re-focus time per employee): 3 days each month
- Cost of re-focus: 58.000.000 Euro/year (Germany)



Study of Thinktank
New Work Innovation

MULTITASKING

- We try to multitask 2 times each hour
(neurobiologically we are not able to do real multitasking!)
- 18% more mistakes are done
- We feel a lot of more stress!



Study of Thinktank
New Work Innovation

SO... WHAT ARE GOOD METRICS FOR OUR AGILE ENTERPRISE?

Are we doing it the right way?



Are we doing the right things?

FLOW METRICS



FLOW METRICS

Flow Load
Total work-in-progress



Flow Distribution
Proportion of each item type

Flow Predictability
Planned vs actual value



Flow Efficiency
Active vs waiting

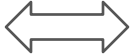


Flow Time
Time from entry to delivery



Flow Velocity
Items done in a given period

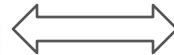
STEP1: MEASURE METRICS – THE TECHNICAL SOLUTION



Enterprise Insights

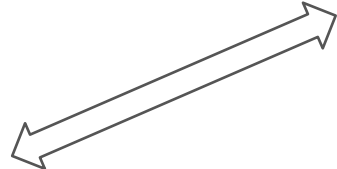


Business Intelligence
Databases



Human Resources

Financial



FLOW METRICS WITH GRAFANA

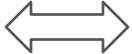


Velocity Charts

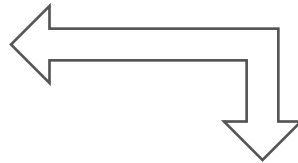
Flow Velocity - PI - Mobile



STEP2: UNDERSTANDING THE DIAGRAMS, PREDICT THE FUTURE



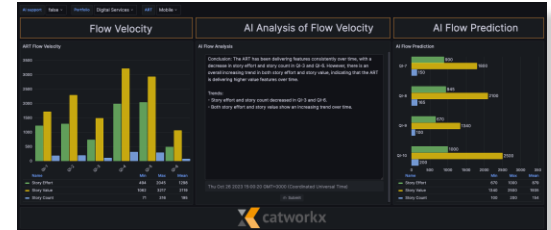
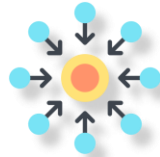
Enterprise Insights



Business Intelligence
Databases

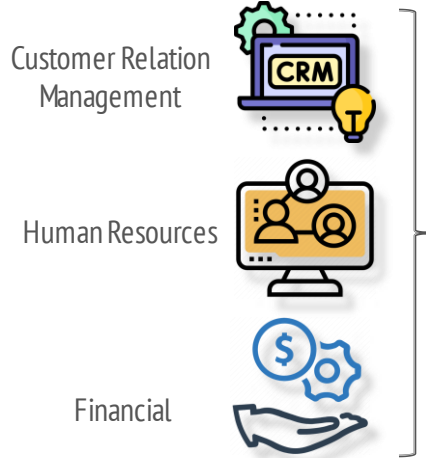


catworkx / TTA
Middleware



AI Features

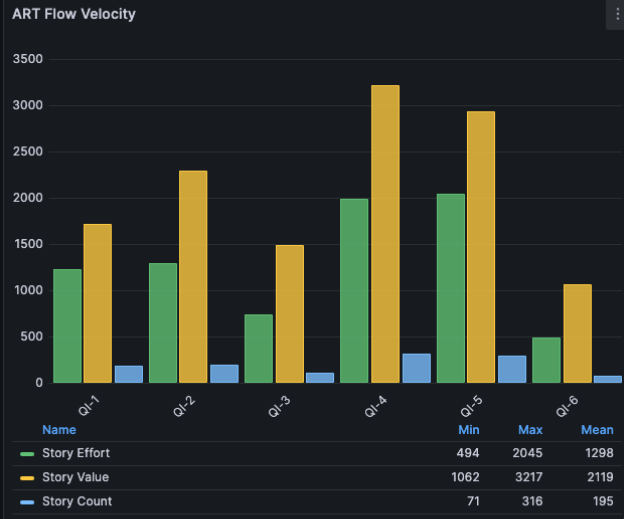
1. Analysis
2. Interpretations
3. Recommendations
4. Predictions



AI SUPPORTED FLOW ANALYSIS + PREDICTION

AI support false Portfolio Digital Services ART Mobile

Flow Velocity



AI Analysis of Flow Velocity

AI Flow Analysis

Answer

Conclusion:
The ART has been delivering features consistently throughout the different Program Increments (PIs), with varying levels of effort, value, and story count.

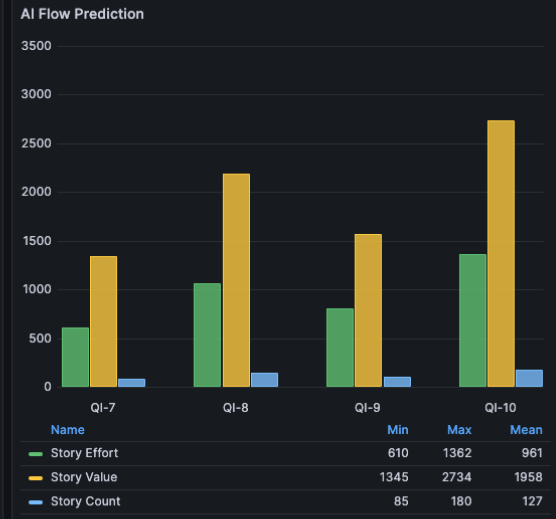
Trends:

- Story Effort:** The story effort has been fluctuating, with higher efforts in Q1-4 and Q1-5, indicating that more complex features were delivered during these PIs.
- Story Value:** The story value has generally been increasing over time, with the highest value observed in Q1-4 and Q1-5. This suggests that the ART has been delivering more valuable features as the PIs progress.
- Story Count:** The story count has also been fluctuating, with the highest count in Q1-4. This indicates that more features were delivered in Q1-4 compared to other PIs.
- No Program Increment Assigned:** It seems that no features were delivered in this particular PI, which could be due to various reasons such as a planning break or a transition period.

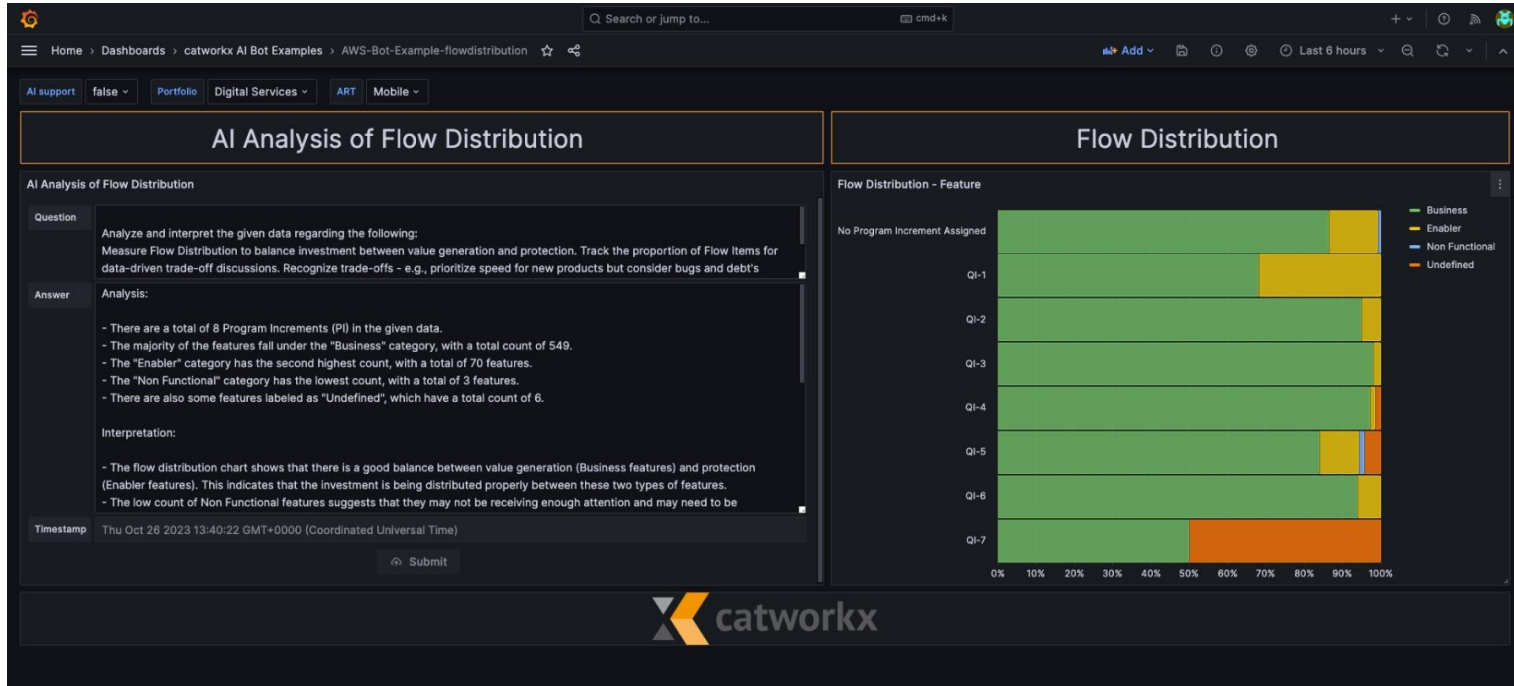
Timestamp Wed Oct 25 2023 14:41:20 GMT+0000 (Coordinated Universal Time)

Submit

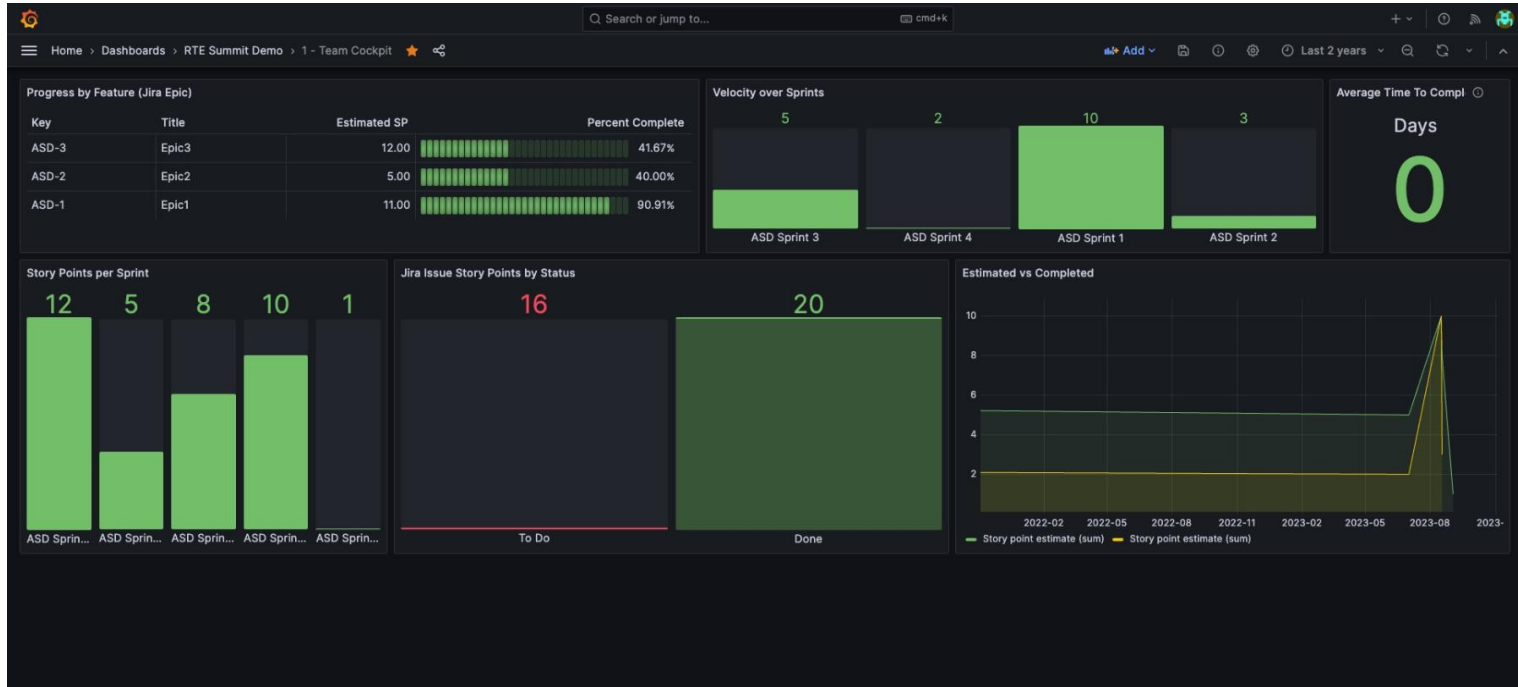
AI Flow Prediction



AI SUPPORTED FLOW DISTRIBUTION



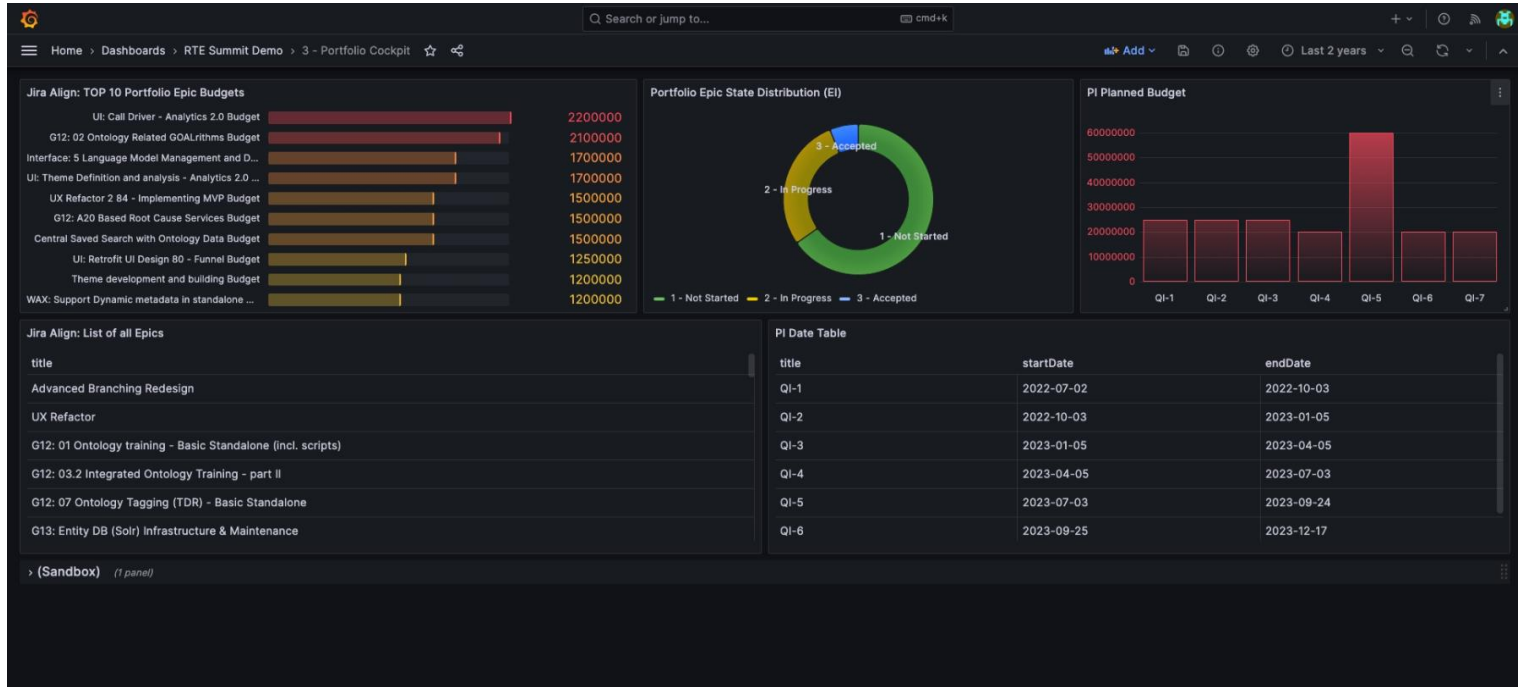
TEAM KPI



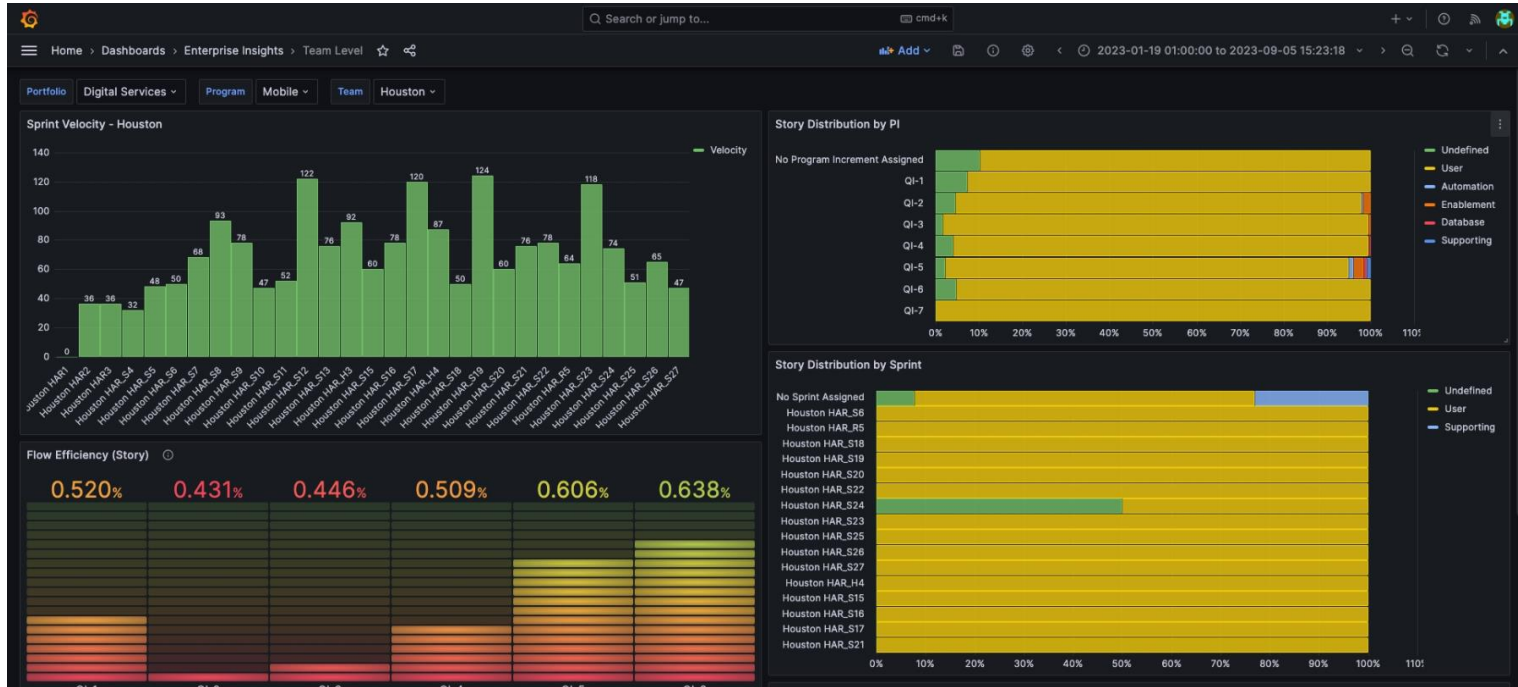
ART KPI



PORTFOLIO KPI




TEAM KPI (JIRA ALIGN & ENTERPRISE INSIGHT)



ART KPI (JIRA ALIGN & ENTERPRISE INSIGHT)





a **fool** with a **tool**
is still a **fool**

but it makes
desaster faster

SCALING AGILE WITH TIMETOACT GROUP



THANKS!

For questions, feedback, or if you want to have these slides (or the ppt about Multitasking):

Send a short message to: agile@catworkx.com

catworkx

Germany | Schellerdamm 16 | 21079 Hamburg | Tel. +49 40 890646-0 | Fax +49 40 890646-66 | info-de@catworkx.com | www.catworkx.com

Austria | Canettistr. 5, 7. OG | 1100 Vienna | Tel. +43 1 2369317-22 | Fax +43 1 2369317-9 | info-at@catworkx.com | www.catworkx.com

Switzerland | Theaterstrasse 17 | 8400 Winterthur | Tel. +41 5251140-01 | info-ch@catworkx.com | www.catworkx.com

USA | 80 Pine Street | New York, NY 10005 | Tel. +01 646-770-0419 | info-us@catworkx.com | www.catworkx.com

Ukraine | 36/2 Hazova str, room 33 | 79019 Lviv | Tel. +380-322-367-222 | info-ua@catworkx.com | www.catworkx.com