## From layered teams to Domain-aligned:

A Journey to Predictable Success.



Sr. Director, Architecture & Platforms The Wendy's Company

#### **Hany Elemary:**

Founder & CTO Navalia







## UNLOCKING THE SQUARE PATTY EXPERIENCE

Global organization: ~14000 employees & ~7000 restaurants globally.

**Digital Business:** Backed by APIs and Infra Platform.

- Delivery Service Providers
- Mobile, Web and Kiosk ordering
- Loyalty Program
- CRM Program
- Conversational AI ordering

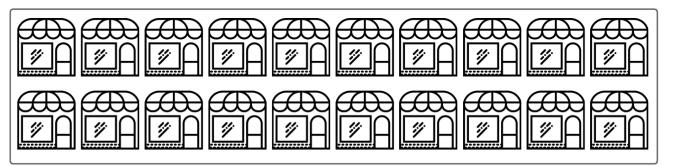
#### **Growing Tech Landscape:**

- 70+ microservices
- Polyglot team and tech stack
- Cloud Interoperability

#### WENDY'S DIGITAL TODAY







DIGITAL SALES

1.5B

**U.S. STORES** 

6030

**USERS** (millions)

36+

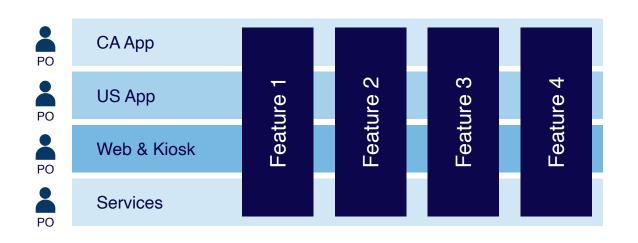
**CANADA STORES** 

**424** 2023

## CHALLENGES



Our channel-aligned teams across product & tech challenged growth.



Business outcomes cut across all the layers. But our layered team topology effectively blocks flow.

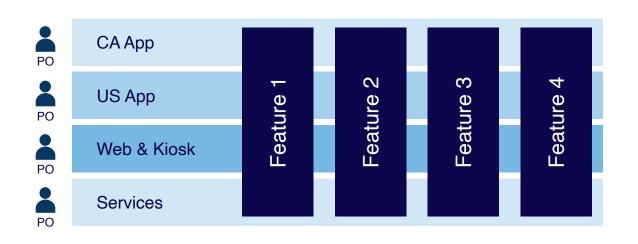
HIGH COORDINATION, LOW AUTONOMY

**DEPENDENT TEAMS** 

REQUIRES CONTEXT SWITCHING

SLOW FEATURE LIFECYCLES

Our channel-aligned teams across product & tech challenged growth.



POs don't need to be experts in channels. They need to be experts in knowing Customers, Capabilities and Experiences.

DIVERGENT
EXPERIENCES ACROSS
CHANNELS

REDUNDANCY ACROSS

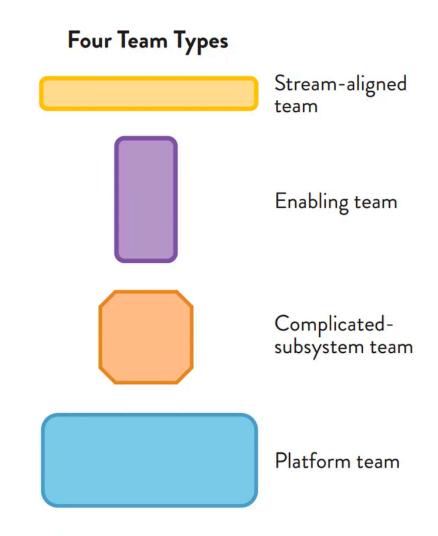
-MARKETS-

INEFFICIENT PRIORITIZATION



The primary team topology in any organization should be stream-aligned teams.

Stream-aligned team: Organized around outcomes with full autonomy for releasing software with minimal to no dependency.



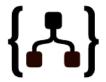
© Matthew Skelton and Manuel Pais from Team Topologies

## JOURNEY: HOW WE MOVE FORWARD

The leadership team challenge to us...

## How do we build the ultimate customer experience in QSR?

#### What is a Platform?



#### Commonality

Curate and present common capabilities, frameworks, and experiences.



#### Runtime

Platforms can be commonly thought of as runtimes with which to run workloads, but not necessarily the workloads themselves.



#### Inform Designs

Inform and require certain architecture practices for re-usability and commonality for applications. This includes common services that may be apart of the platform and how they are leveraged.

Conway's Law Corollary

# The best chance of achieving outcomes is to align towards them

Journey-aligned teams, focused on outcomes, will deliver success & scale in 2024.



#### AUTONOMOUS TEAMS

Cross-discipline (technology, product, QA, etc) teams have higher predictability of achieving outcomes within timelines.

#### EFFICIENT PRIORITIZATION

Quick and reliable prioritization of work within a well-defined and scoped area that is aligned to customer need.

#### CONSISTENT EXPERIENCES

Journey focused teams enable consistent experiences as the work is prioritized across all channels.

#### GLOBAL SCALE

Onboarding new markets or regions does not require independent teams or ownership.

What's next

## How does this impact our team & products?





## The benefits for business/product leads in a journey-aligned team







#### **FOCUSED EXPERTISE**

Your knowledge will span across all digital touchpoints - leading to a stronger sense of objectives and accountability.

#### **FASTER DECISION MAKING**

Business Leads navigate their teams in making quick/independent decisions - reducing bottlenecks and producing faster time-to-market.

#### **GLOBAL REACH**

As needs expand across the globe, you will position your selected squad for success - regardless of region or borders.



## What will a standard squad look like in this new approach?

#### Each squad will collectively:

- Own the achievement of specific, predefined outcomes
- Manage their own backlog
- Plan their own work
- Create and track own KPIs
- Report and communicate results

#### SQUAD X

Product Lead

Stakeholder

**Business Analysis** 

Prototype Developer

Designers (#)

App Dev (#)

Web Dev (#)

Services (#)

QA (#)

Data

All in service to...











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### COMMON TENDENCIES

2

#### **PEOPLE**

Change will inevitably slight someone.

Squad members work in silo—shifting from a layered cake to cupcakes.

#### **PROCESS**

Full release autonomy is the goal, but managing releases and dependencies is crucial for success.

Inefficient processes, such as CAB, will inhibit progress.

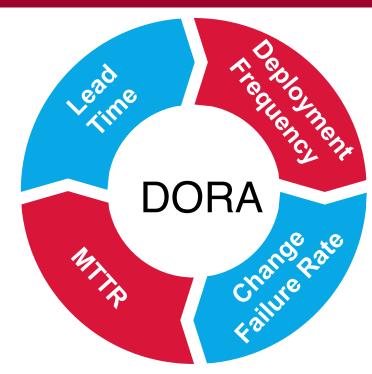
#### **TECHNOLOGY**

The foundation must support teams in self-servicing their requests.

Automation must be the focal point. Reduction of manual processes unlocks autonomy of teams.

### OUTCOMES

Eliminated red tape by implementing Lean processes. This enabled the teams to deliver faster while also improving on key metrics.



#### AGILE **CEREMONIES**

Ditched resource intensive Scaled Agile framework for vanilla Agile ceremonies.

#### HIGH **TRUST**

People closest to the work are the experts. We streamlined our Change Advisory Board to a single message in our CAB Slack channel. Silence equals approval.

#### **KEY METRICS**

We chose DORA metrics to track our progress. Focusing on key metrics is critical to helping you understand if you are getting better.

#### PRIORITIZED TECH DEBT

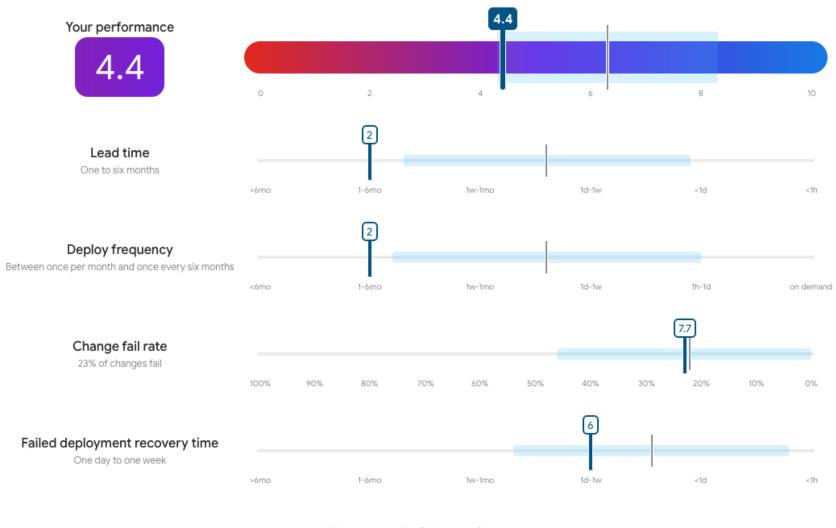
Worked with product team to ensure that tech debt was consuming 20-30 % of our sprints.



Performance level	Deployment frequency	Change lead time	Change failure rate	Failed deployment recovery time	% of respondents
Elite	On demand	Less than one day	5%	Less than one hour	18%
High	Between once per day and once per week	Between one day and one week	10%	Less than one day	31%
Medium	Between once per week and once per month	Between one week and one month	15%	Between one day and one week	33%
Low	Between once per week and once per month	Between one week and one month	64%	Between one month and six months	17%



#### From This:



2023 Industry baseline (All industries):

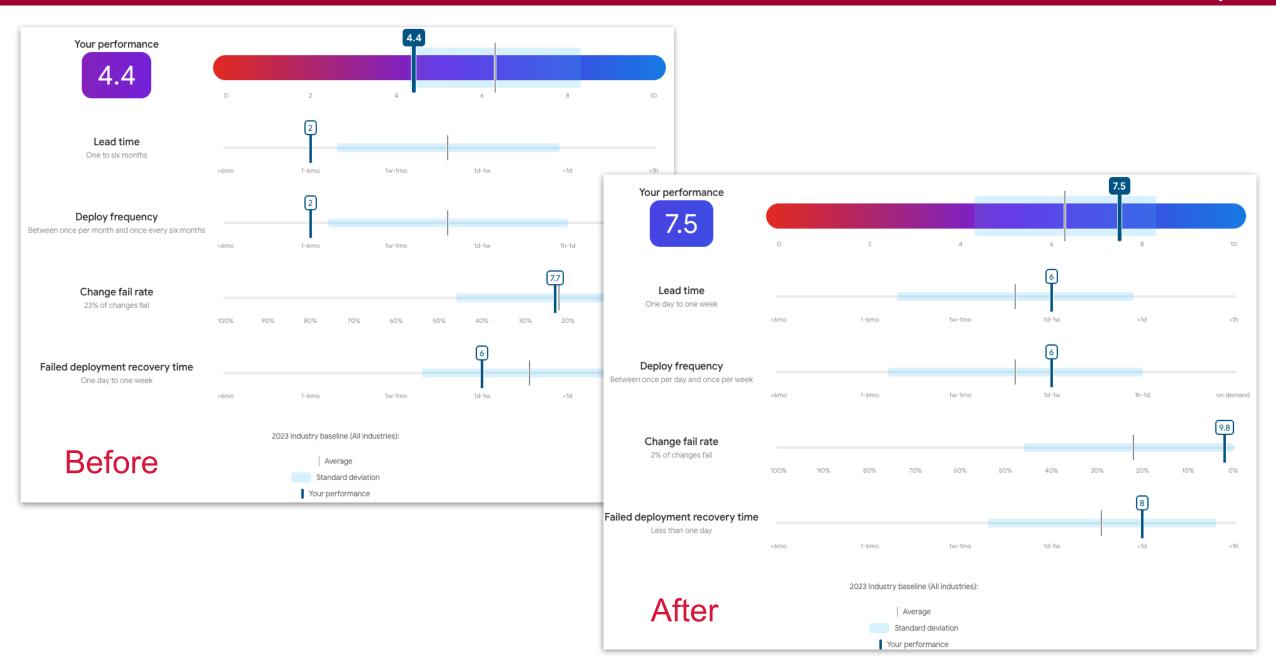




#### To This:

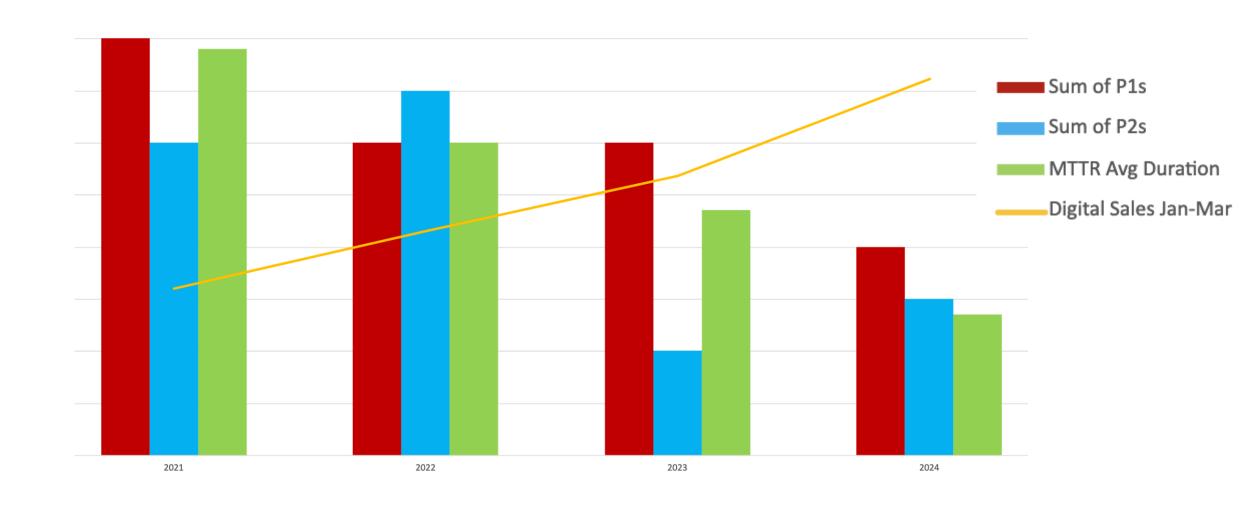






Wendy's 3

**Incidents** overlaying revenue over time



### WHAT'S NEXT



### Help We're Looking For.

Been on a similar journey? We want your feedback.

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