

A photograph of two surgeons in an operating room. The surgeon on the right is wearing a surgical microscope mounted on their head. Both surgeons are wearing blue scrubs and masks. The background is a solid blue color.

Medtronic

Engineering the extraordinary

Supply Chain Data Analytics & Insights - Global Operations & Supply

Luciano Miranda - VP Data Analytics & Insights

Table of contents

1

Meet Medtronic

2

Our GO&SC Analytics Journey

Medtronic

Meet
Medtronic



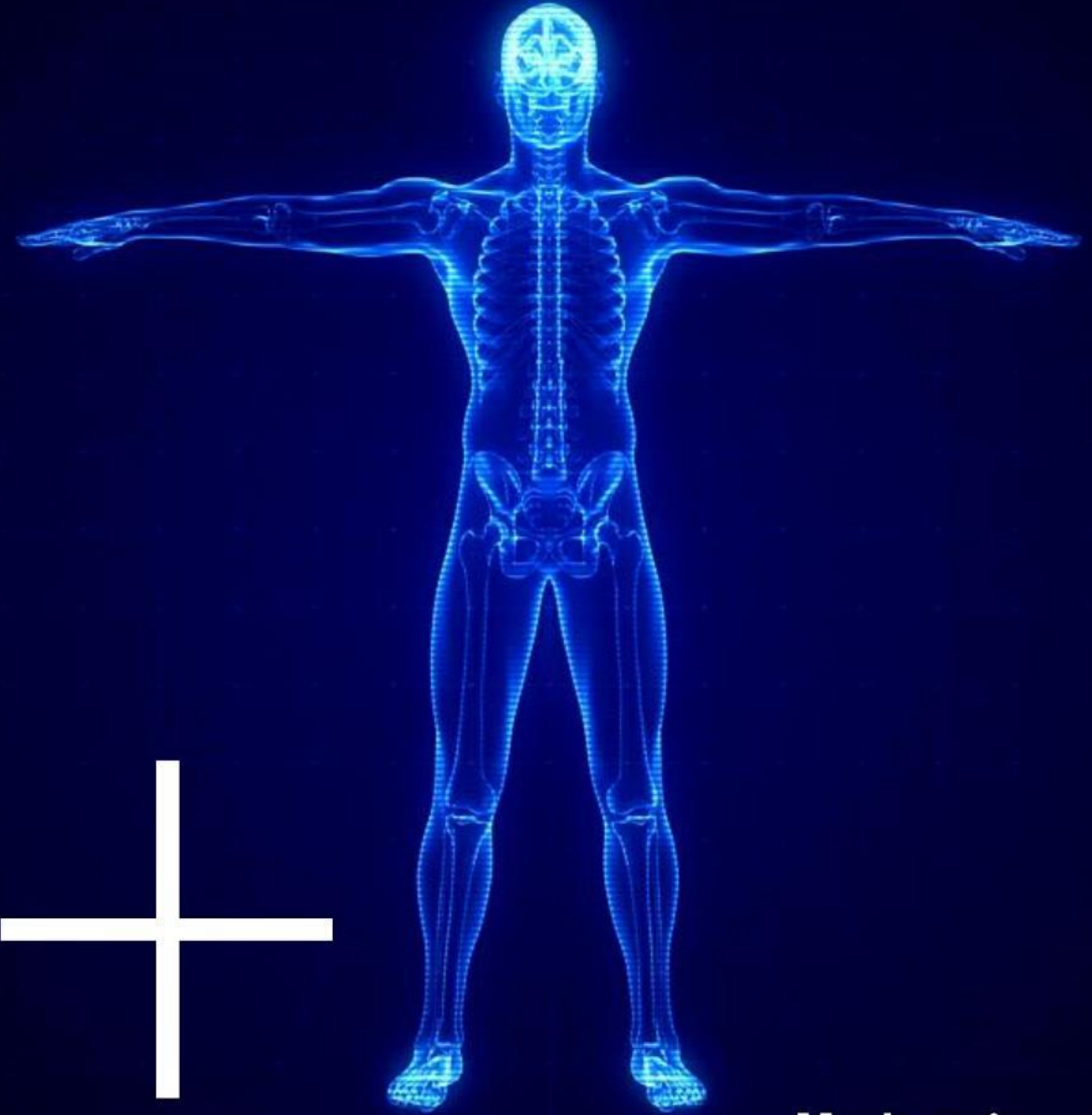


We are so much more than a
medical device company:
We have a bold ambition to
become the global leader in
healthcare technology.

Our life-transforming
technologies treat more
than **70 conditions**

70

+



Medtronic

Our therapies and solutions span four portfolios to treat more than 70 conditions in the human body



Cardiovascular



Medical Surgical



Neuroscience



Diabetes

Deep brain stimulation

This personalized treatment can control debilitating tremors for a person living with Parkinson's – someone who longs to hold their morning coffee with a steady hand.



Our global presence

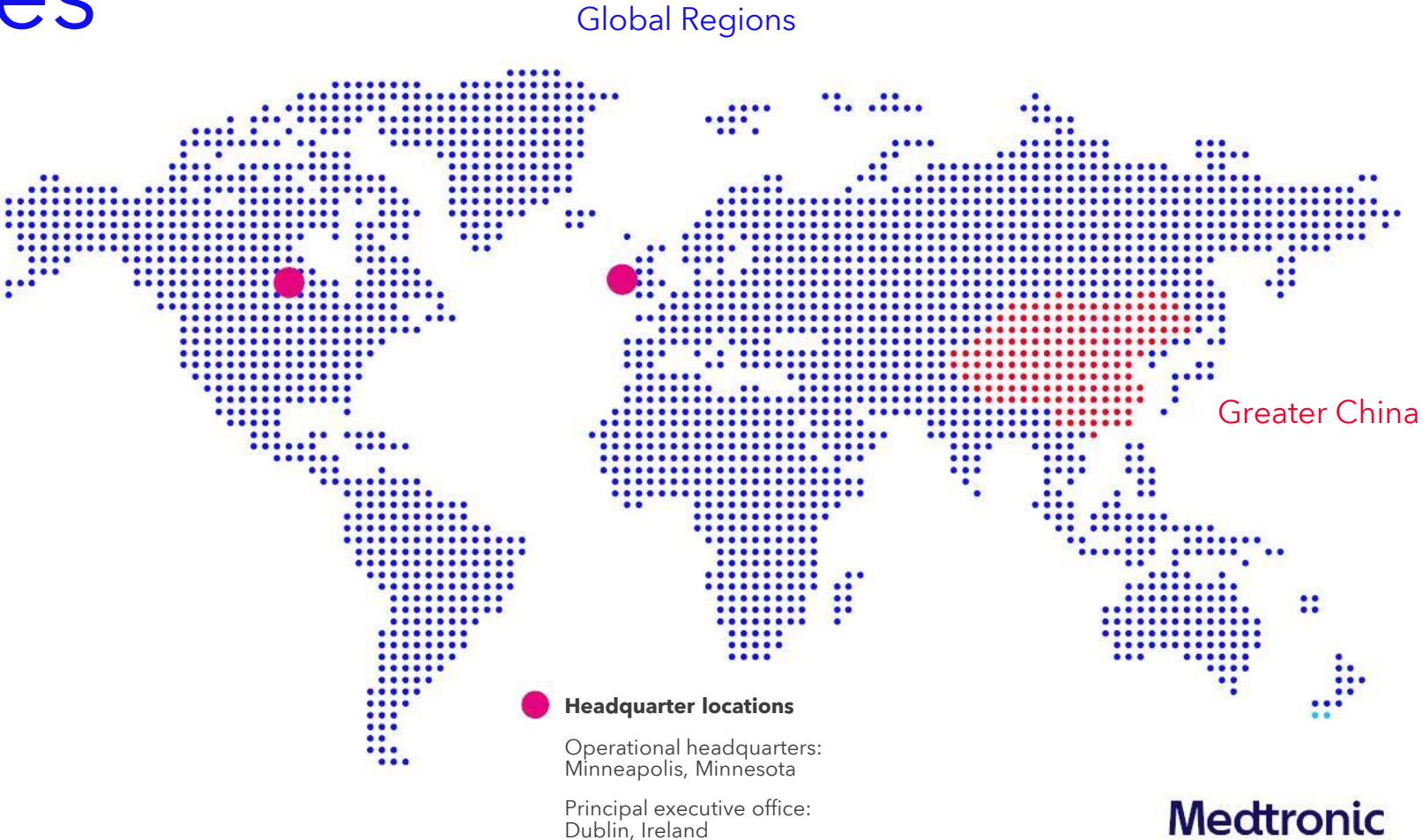
To help more people
in more places

Working in
150+
countries

Organized into
2
regions

14
distribution
sites

78
manufacturing
sites



Medtronic

Our GO&SC Analytics Journey

Keys to success: The 5 critical steps

- 1) Vision
- 2) Executive support
- 3) Not letting perfection stand in the way of progress
- 4) Extreme customer centricity with a human centric analytics organization
- 5) Results

1) Vision

**INGENUITY
+
~~SMART WORK~~
POSSIBILITIES**



OUR ANALYTICS VISION

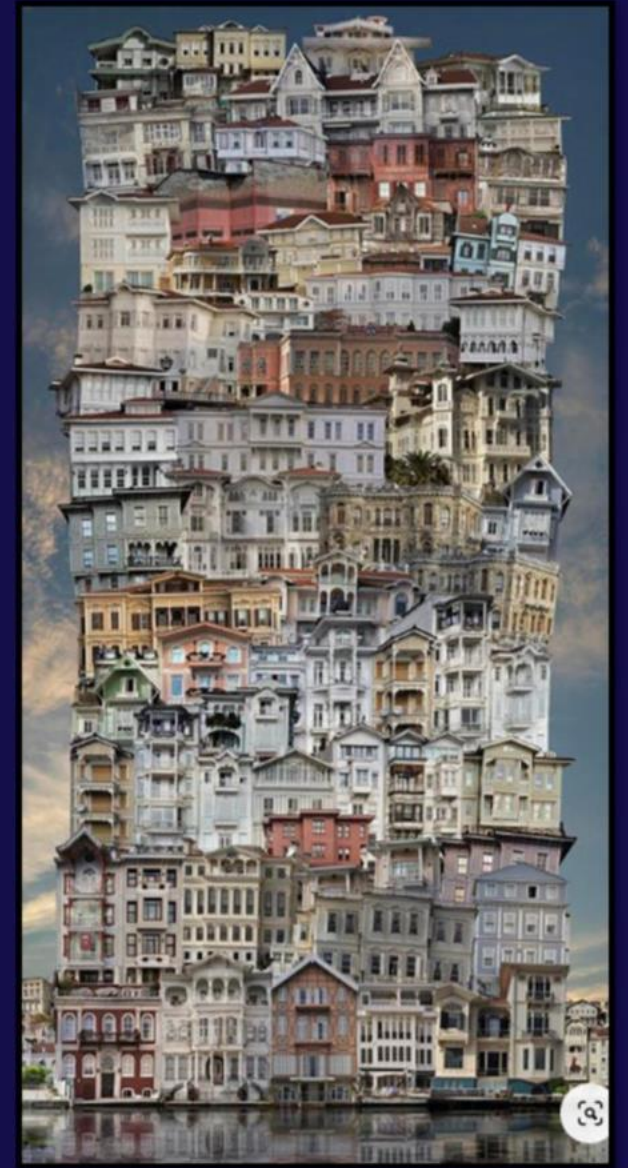
Make the worlds most impactful, comprehensive, and easy to use analytics for our business users

GO&SC ANALYTICS TEAM WHY

To empower every person we serve, and ourselves, to thrive

The Challenge: Disparate Data and Dashboards

Faced with scattered data across thousands of dashboards, our quest was to find clarity and coherence.



70,000

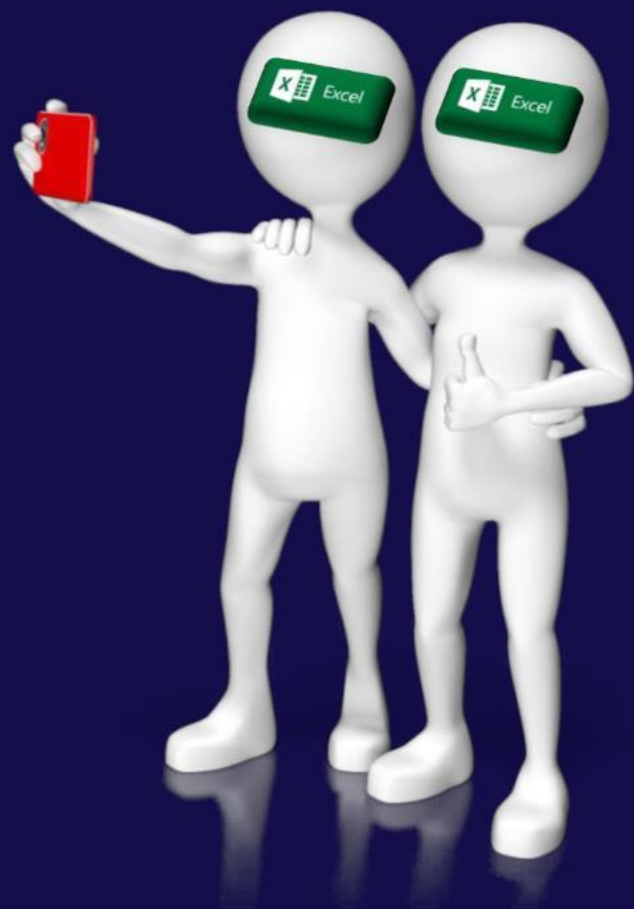


Figure 1. Magic Quadrant for Analytics and Business Intelligence Platforms

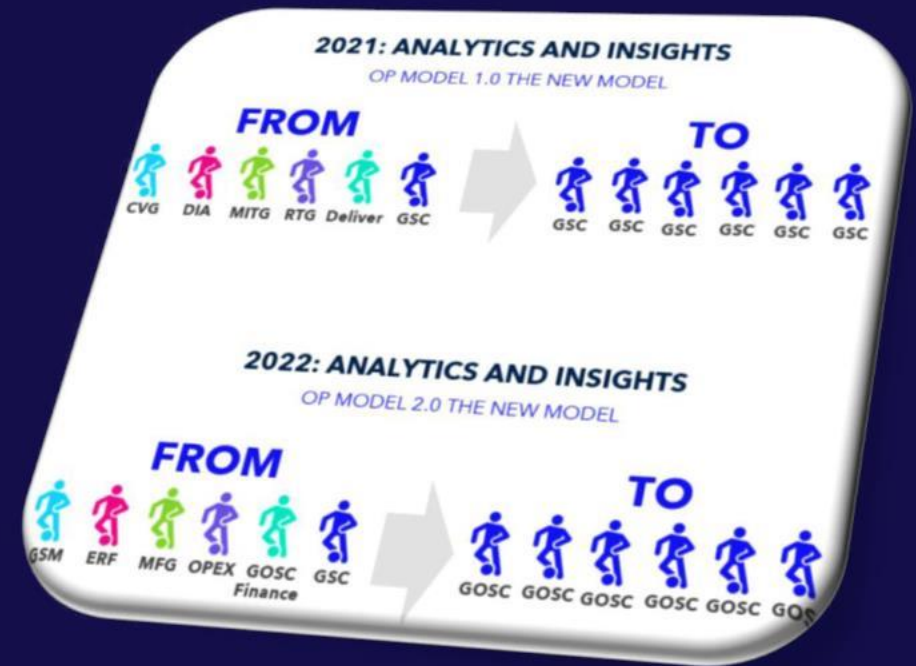


Source: Gartner (February 2018)

2) Executive support

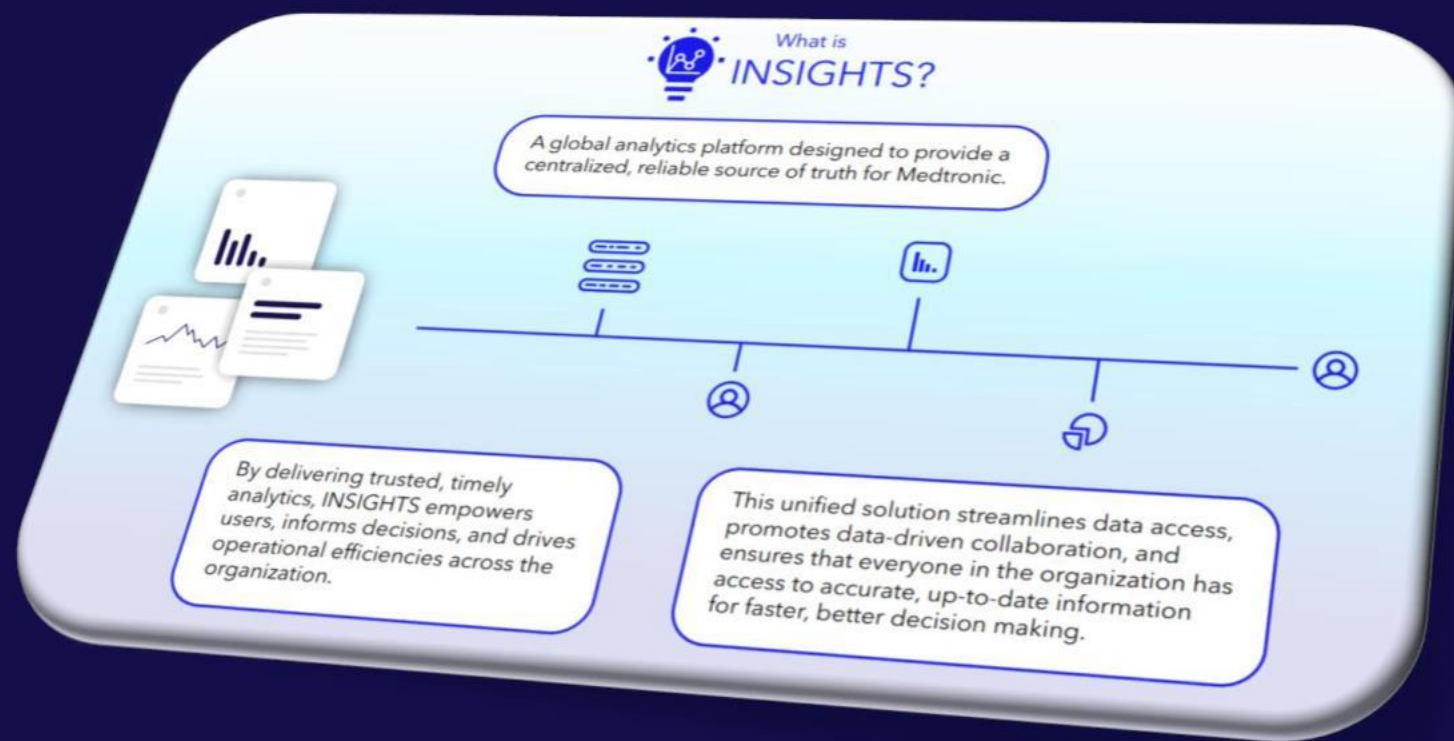
Adopting the 'One Best Way' Strategy

One Best Way' is our strategic beacon, guiding us to a unified and powerful analytics approach



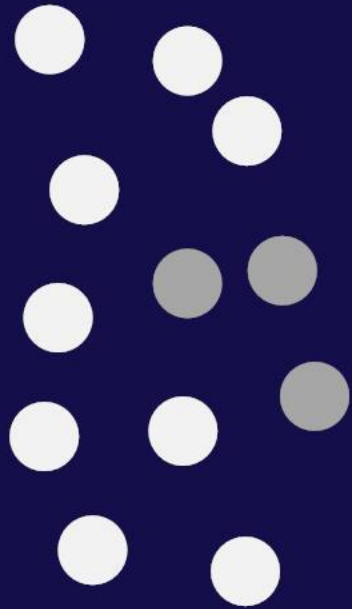
INSIGHTS: Centralizing for a Single Source of Truth

INSIGHTS represents our leap towards a single source of truth, transforming data chaos into strategic clarity

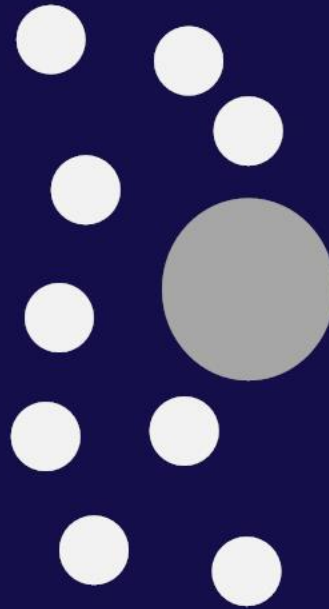


The journey

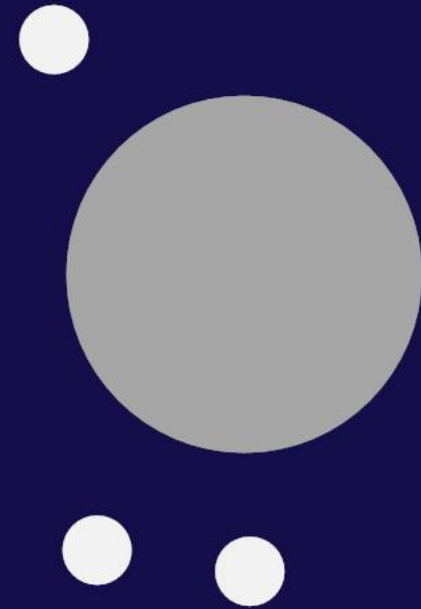
Disparate Data
Teams



One Data Team Self-
Organized
Demonstrated Extreme
Value



Critical Mass
Enterprise-wide
Data Analytics and
Insights was born



3) Not letting perfection
stand in the way of
progress

OUR ANALYTICS & INSIGHT

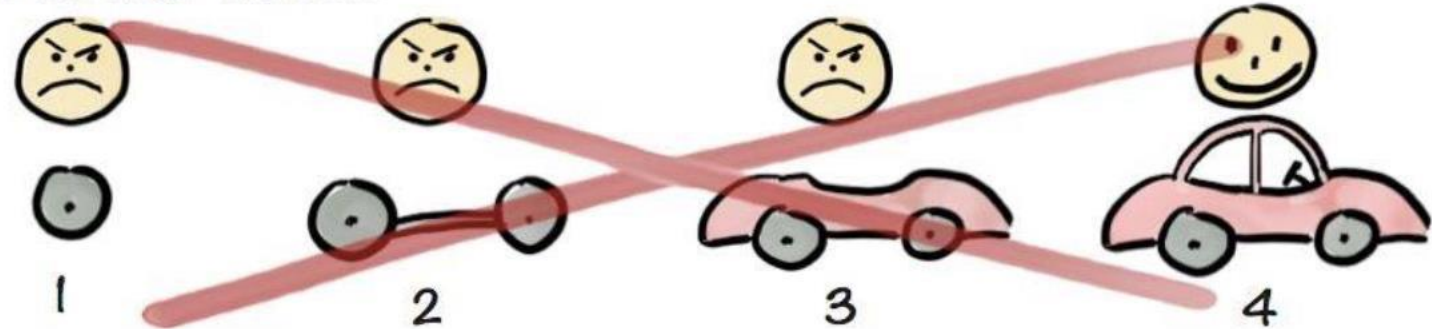
OPERATIONAL MODEL AND MINDSET



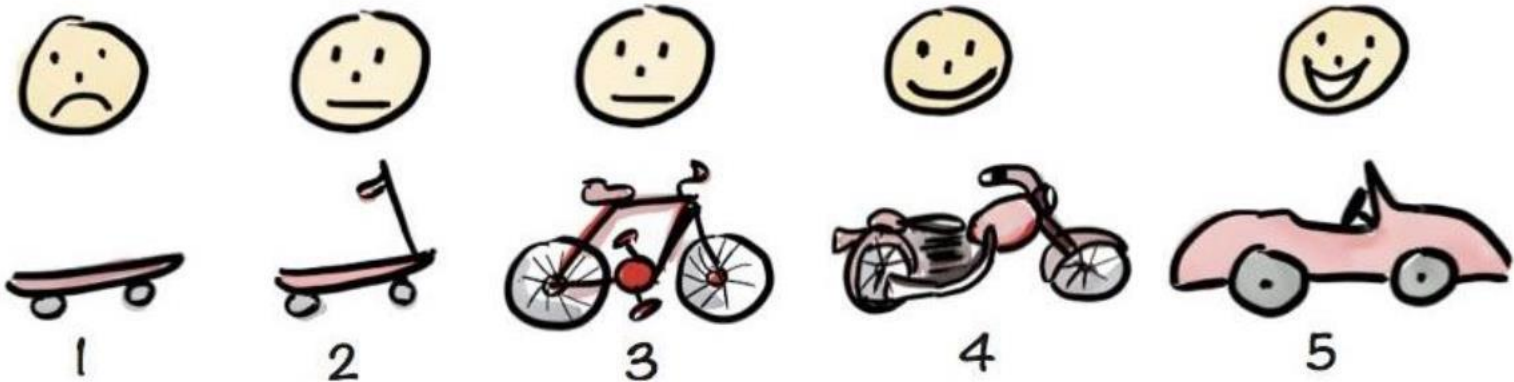
DELIVER
VALUE

NOT LETTING PERFECTION STAND IN THE WAY OF PROGRESS

Not like this....



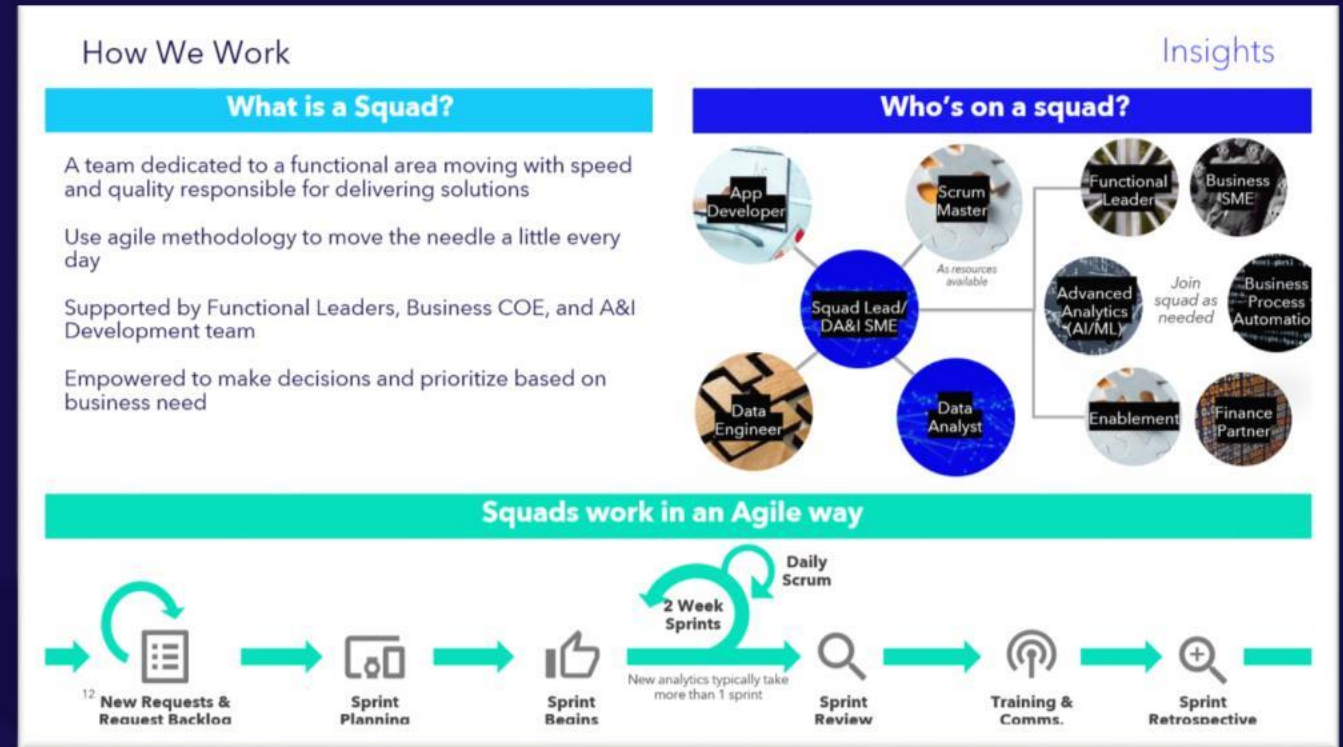
Like this!



4) Extreme customer centricity with a human centric organization

Operational Impact: Streamlining and Efficiency

Through INSIGHTS, we've streamlined operations, enhancing efficiency across our global operations & supply chain



Operational Impact: Streamlined, Efficient, Consistent

Deploy dedicated SQUADS to serve each of the GO&SC functions.

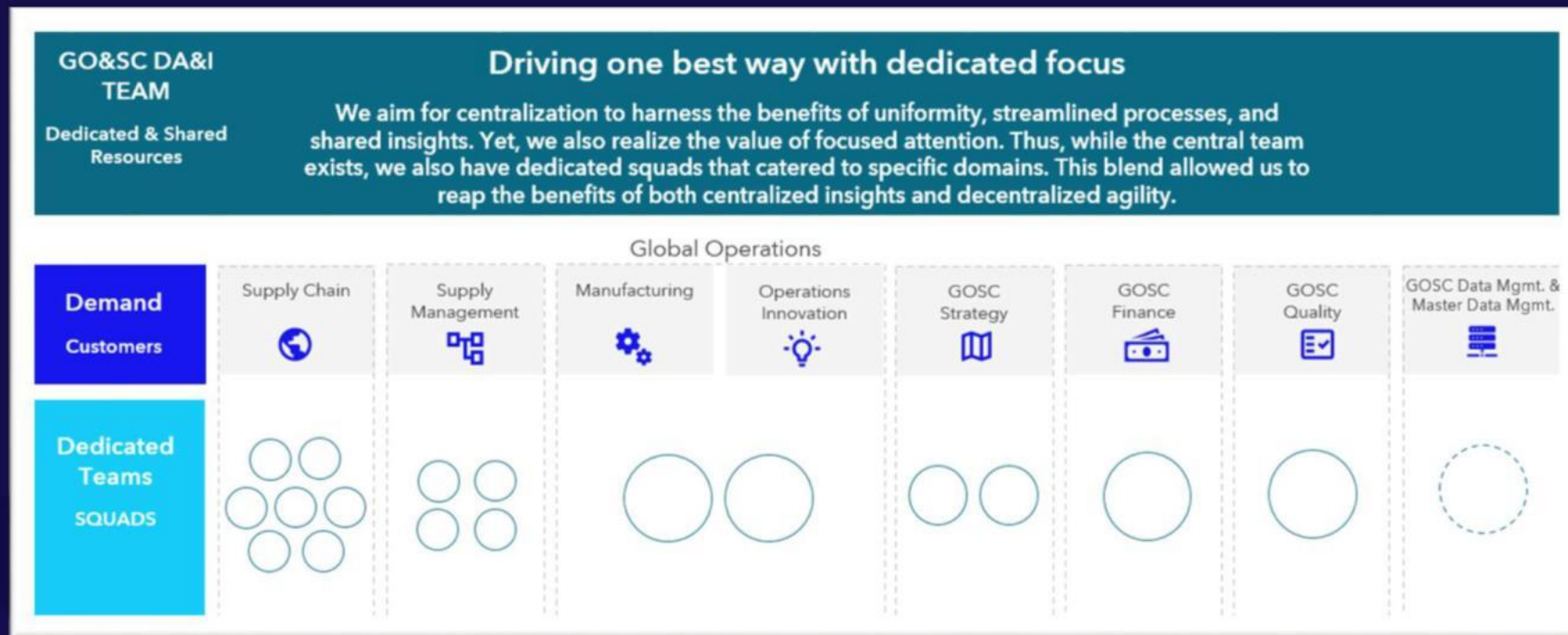
Squads are made up of a combination of the different A&I roles with the SME/architect as the squad leader.

Squads serve the customer independently; **consistency** through **reporting structure**.



The Transformation: A Cohesive Analytics Ecosystem

Our transformation journey: From fragmented data silos to a cohesive, enterprise-wide analytics ecosystem

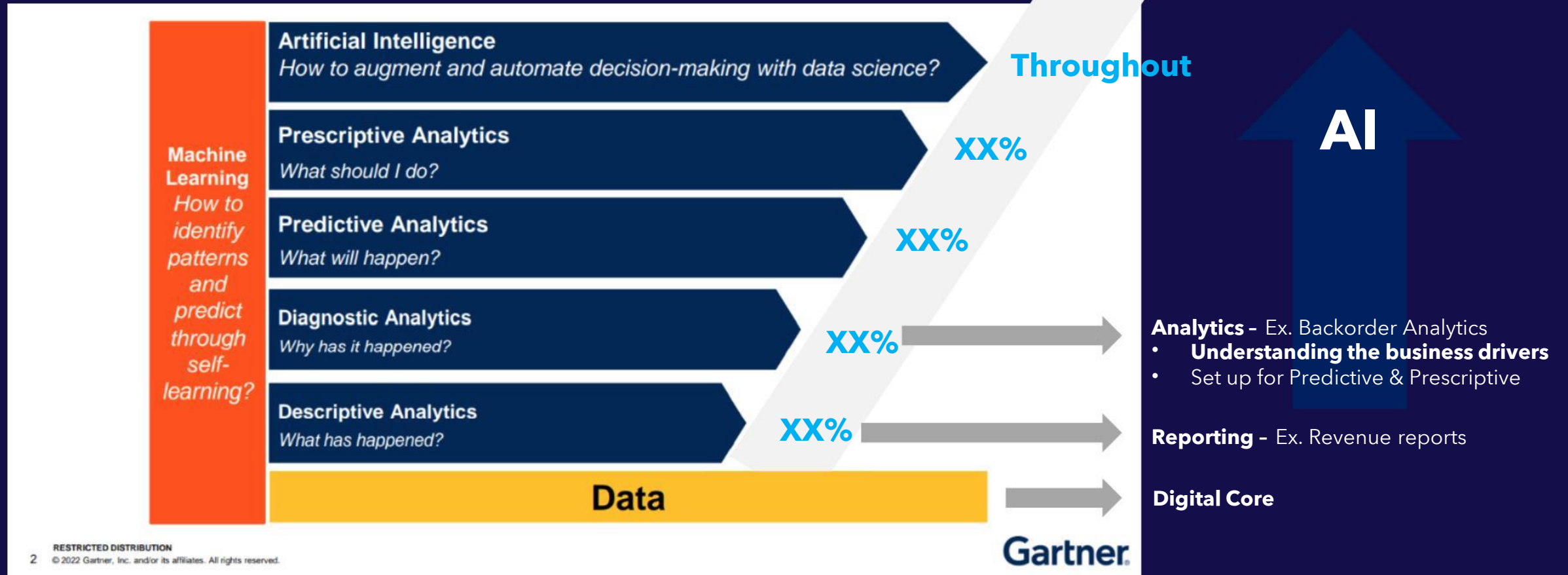


5) Results

INSIGHTS in Action: Real-World Applications and Outcomes

INSIGHTS in action: Driving real-world outcomes that matter, from reducing costs to enhancing customer solutions, to driving revenue.

Leveraging Gartner's Analytics Maturity Model



RESTRICTED DISTRIBUTION

2 © 2022 Gartner, Inc. and/or its affiliates. All rights reserved.

The Results: Increased Usage and Enhanced Decision-Making

A 45-fold increase in user engagement reflects INSIGHTS' pivotal role in enhanced, data-driven decision-making

FROM 5,000 to 230,000 views per month

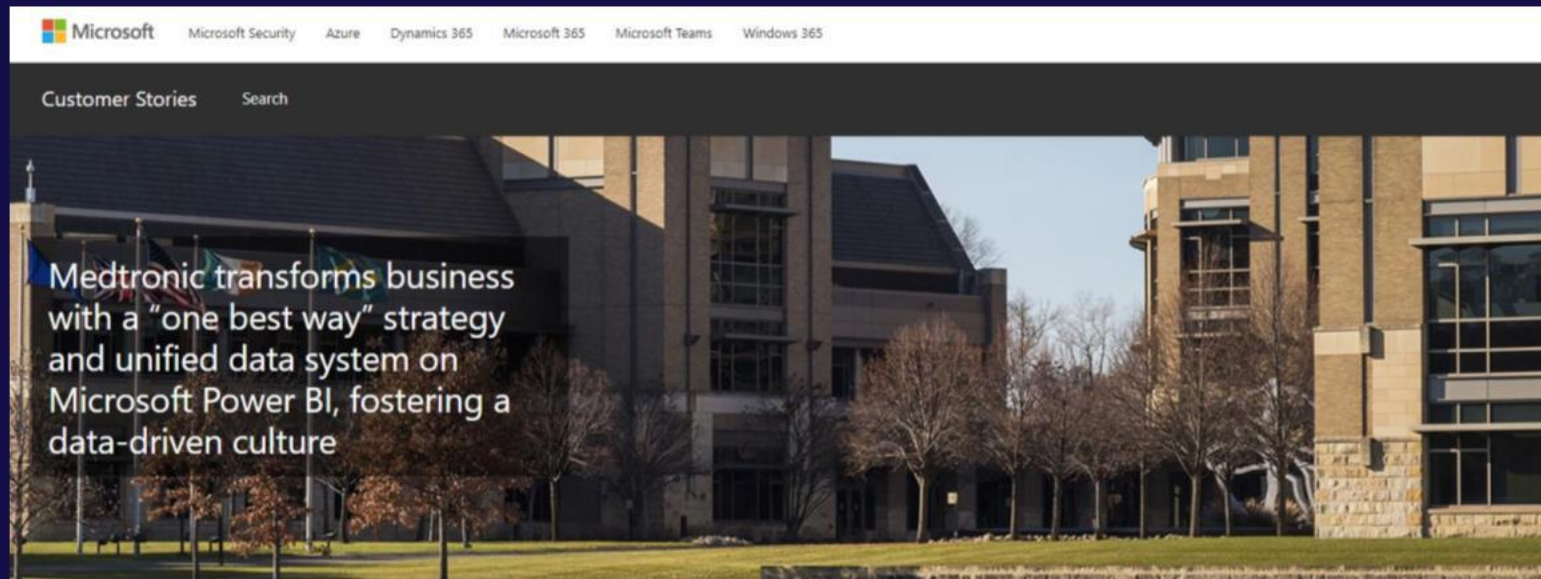
FROM a few hundred to over 4,300 active users and growing

Automation and Efficiency with Power Automate

Leveraging Power **Automate** and WinShuttle we've converted **240,000 hours of repetitive work** into innovative, automated solutions.

Key Milestones: From Implementation to Recognition

Celebrating our milestones - from bold implementation to earning Microsoft's spotlight for analytics excellence



<https://customers.microsoft.com/en-us/story/1724162188154990284-medtronic-power-bi-health-provider-en-united-states>

Closing Thoughts: Better Service, Quality, and Cost Structure

OUR ANALYTICS revolution leads to unparalleled service, quality, and a competitive advantage for our stakeholders.

OUR REIMAGINED STRUCTURE gives us the benefits of centralization and decentralization at the same time.

It is all in the mindset supported by the right structure.

Thank You & Call to Action: Embracing the Data-Driven Culture

WHAT WE DO MATTERS.

IT PAVES THE WAY TO A BETTER WORLD