Teaser

Falls are the leading cause of injury-related death for ages 65+
- One in four Americans aged 65+ falls each year
- CDC (US) – Annually, falls cause 3 million emergency visits, 800,000+ hospitalizations, and over 27,000 deaths (30% rise in last decade)

Working alone puts health and safety at greater risk
- 15% of workers in Canada are lone workers – a rising number
- Existing monitors rely on worker input rather than automation, limiting the utility of emergency alert systems

ez TRAX, a personal autonomous security guard
- *Embedded Artificial Intelligence and Internet of Things technology stack*
- *Deep Neural Network*
- *Passive monitoring*

Advantages
- *Single device with multitude of functionalities*
  - *Fall-detection*
  - *Motion monitoring*
  - *Two-way voice to voice communication*
  - *Voice Bot*
  - *Get help faster!*

Organisation Profile

Who We Are

Founded in 2016, we are a startup company that specializes in IoT and AI solutions across several industries. Our team, located in Canada and India, combines decades of technical experience across the spectrum of engineering, business, and computer science.

What We Do

We have developed efficient and reliable industrial solutions by harnessing the cutting edge of sensor and machine learning technology. Our current line of products features devices and software applications for the following sectors:

Student Transportation and Safety

Precision Tracking and Fleet Management

Intelligent Personal Monitoring

Why Us?

Our focus is on emerging technologies in IoT and AI allows us to develop modern solutions to pressing industrial problems. Our solutions are advanced, reliable and affordable as well as easily adopted for the businesses we serve. We're proactive about the rapidly evolving tech environment and seek to lateralize our technology at every opportunity.

IOT PLATFORM	SENSOR +GATEWAY	VERTICAL EXPANSION	INTEGRATED ML/AI	LAUNCH CANADA	LAUNCH USA
2016	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
FOUNDED	COMMERCIAL LAUNCH	INTERNATIONAL MARKET	ZONAR PARTNERSHIP	SEED ROUND	ACCELERATE PRODUCTION	SCALE COMPANY

International Recognition

Top 10 finalist at NASA iTech

Top IoT Company at the Telus IoT Incubator
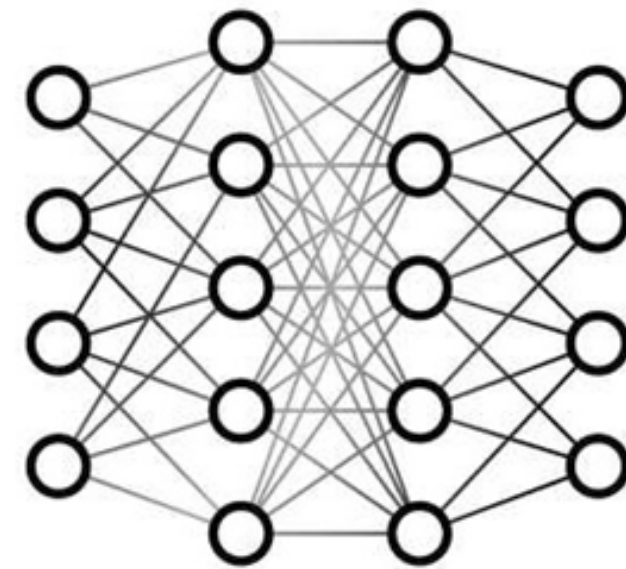
Selected for ATB Accelerator Program
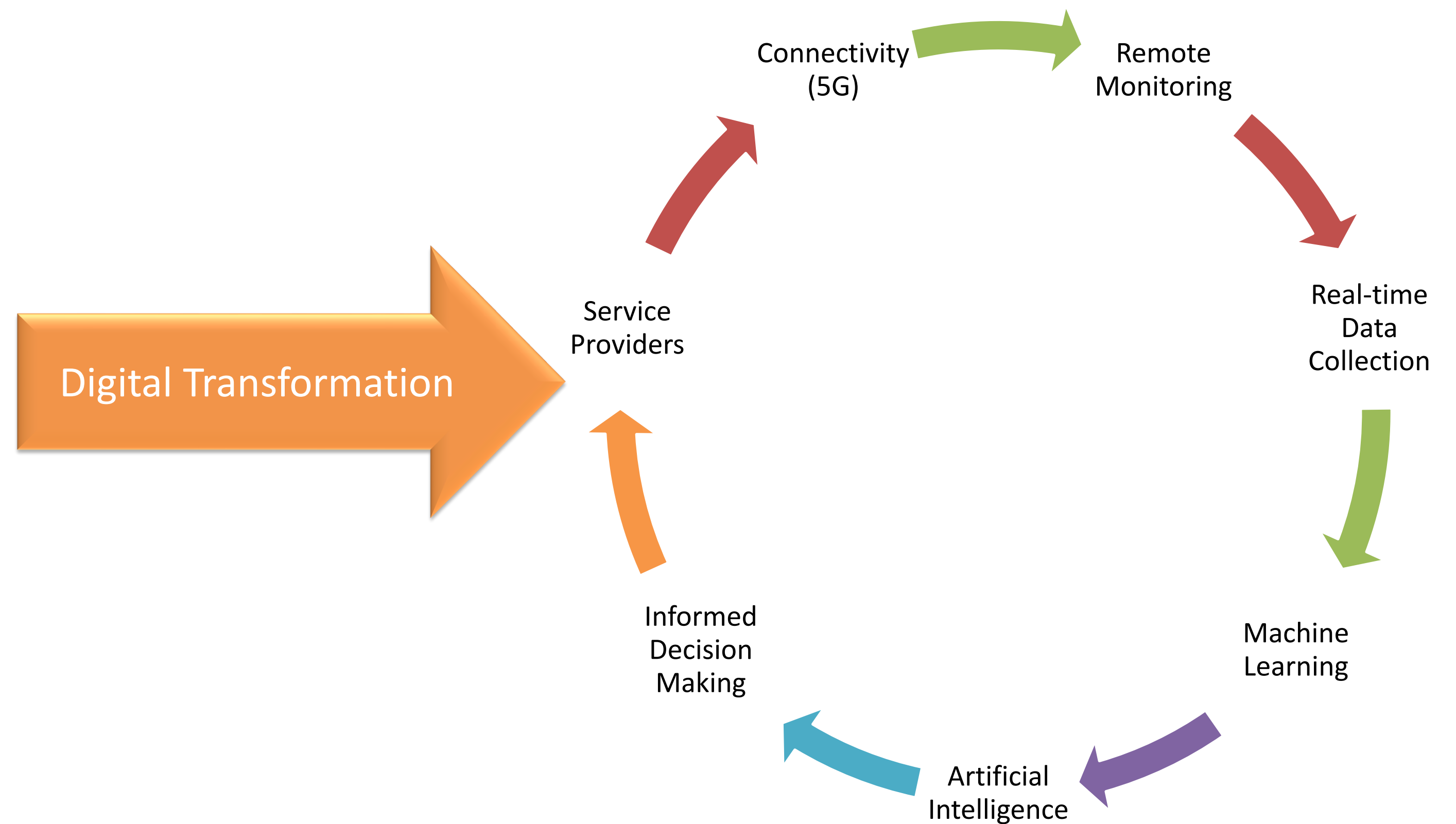
Proposal Introduction

A **Autonomous Fall Detection**
High accuracy fall detection triggers SOS for emergency response if user fails to respond

B **Not-in-Motion / No-Movement Alerts**
Protect workers or seniors, either by intelligent motion/movement monitoring

C **Voice Bot**
AI voice bot to detect the threat levels and alerting the authorities autonomously

C **Monitor Stress in Real-Time** [Coming Soon]
Live feedback on stress lets you know when you're overwhelmed and need a break

Proposal Introduction

Areas of Interest

- Workers Safety
- Seniors Lifestyle Improvement
- Safer Environment
- ez Traxs
- Health Care Aid
- Community Well-being
- Process Improvement

Digital Transformation

Areas of Impact

- Service Providers
- Connectivity (5G)
- Remote Monitoring
- Real-time Data Collection
- Machine Learning
- Artificial Intelligence
- Informed Decision Making

Partners

CELTIC-NEXT

eurogia 2020

From local to multinational, we collaborate with several supporting organizations to achieve our goals.

Canada
NRC·CNRC

TELUS
the future is friendly

TECTERRA
investing in innovation

NABI

NAIT

Microsoft

Contact Info

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