



# CELTIC-NEXT Launch Event

17<sup>th</sup> of March 2023, Paris

**Pitch of the Project Proposal :**

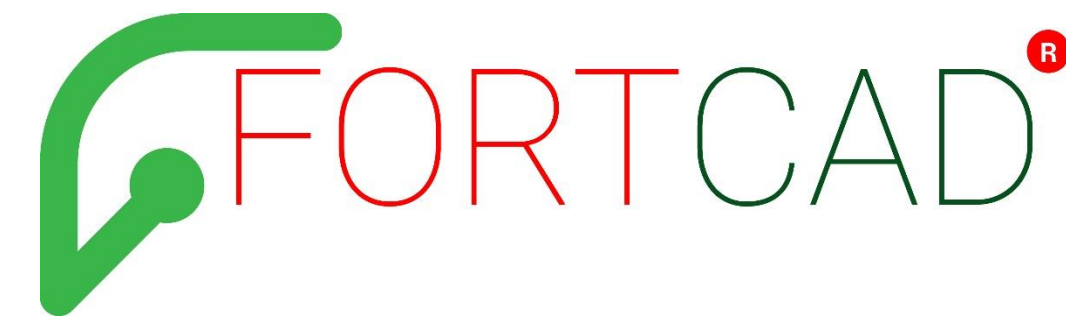
## FortCAD



**Nkululeko Mhlaba - Managing Director - Phungela**  
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# Teaser



Introducing our latest innovation in emergency response: a computer aided dispatch system for ambulance services. With our state-of-the-art system, managing ambulance dispatches has never been easier or more efficient. Our system integrates with cell phone applications and WhatsApp, ensuring that ambulances can be dispatched quickly and accurately, even in rural areas.

Say goodbye to long wait times and slow response rates. The FortCA system, emergency responders can be on the scene in no time, saving lives and making a real difference.



# Organisation Profile



Phungela is a South African Business Technology and Digital Transformation Firm, specialising in providing Digital Solutions using **Software and Technology**.

We are proud to be one of the most innovative privately-owned players in the South African Technology Industry, having created sustainable business value for our clients.

Our **Competitive Advantage** is that we have a three-legged business model that ensures technology success for our clients within Phungela namely:

- **Strategy** (Digital Transformation, Digital Marketing and ICT Policy )
- **Consulting** (IT Project Management & Implementation Partner, IT Audits and IT Governance)
- **Technology** (Software, Cybersecurity, Digital Platforms & Applications and Tech Support)





# Proposal Introduction




Refrigerator repair — Completed

30 min En route | 6 km Distance | 1 h Work | 10 min Paused | 1 h 40 min Total

**Jones E.** May 5 2020

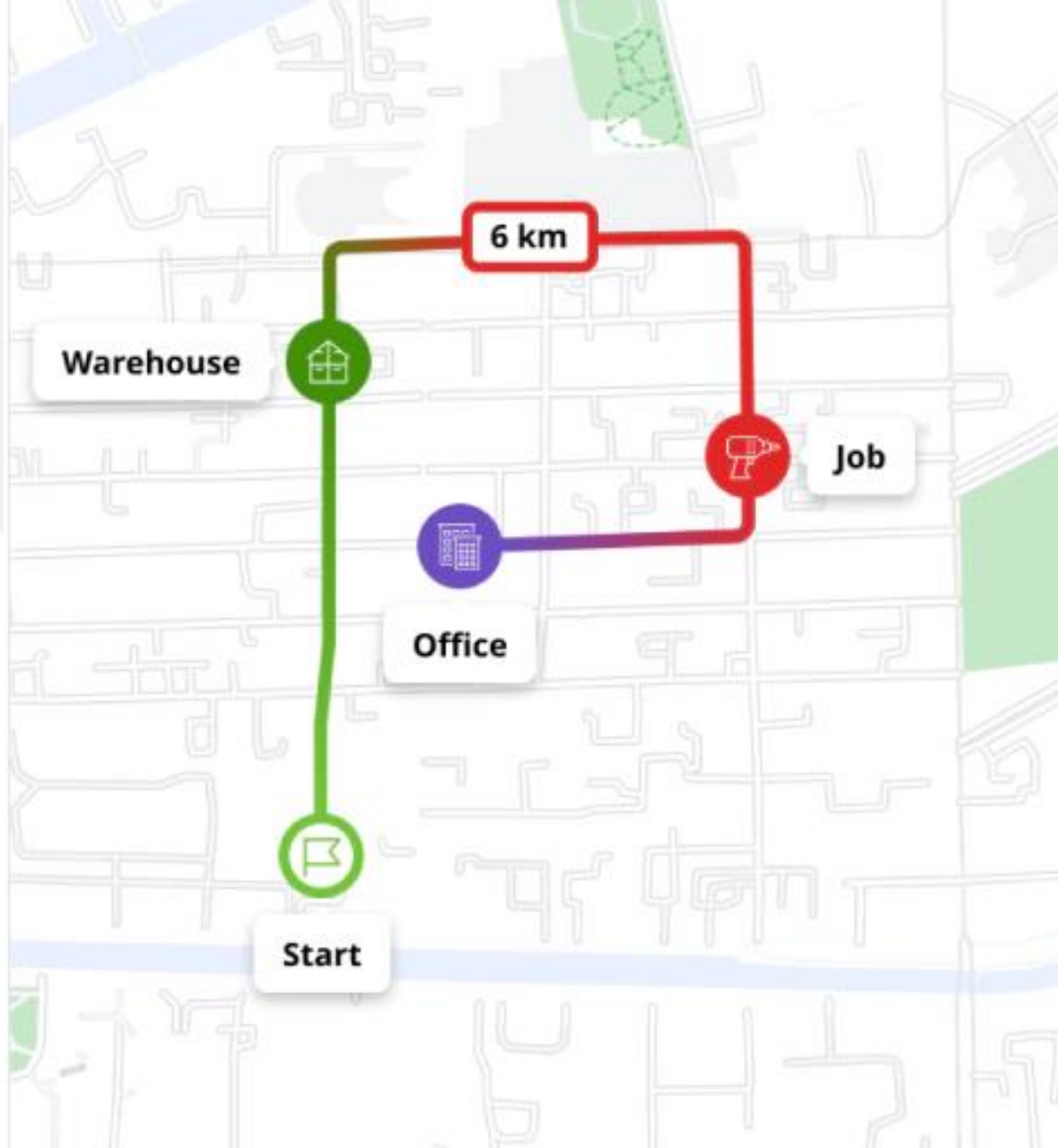
- 16:33 Job created
- 18:33 Field worker assigned: Williams A. ✓

**Williams A.** May 7 2020

- 10:30 Job viewed
- 10:50 En route
- 11:17 Started
- 11:47 Done: Refresh refrigerant
- 11:51 Done: Testing
- 11:52 New photo added to "Photo (after)" field 
- 11:55 Poll: How did you find out about us? — Flyer in mailbox
- 11:56 Finished

**Completed**

Additional: electric stove repair required



*FortCAD is a platform that controls the flow of an EMRS Vehicle from responding to a emergency call until the patient is received by a health facility*

*South Africa's public healthcare system uses a paper-based dispatch system, which sometimes causes for rescue vehicles to be lost and delay needed emergency care.*





# Proposal Introduction



The goal of the App is to reduce the waiting time for an Ambulance from 1-3 Hours to 15 Minutes.

The App will track 400 Public Ambulances in KwaZulu-Natal Province with a population 11 Million

The Project Duration is three years (36 Months) and we are looking at App Development, IoT & VOLP & Partner Agreements





# Partners



## Project Committee



*Dr D Jairam – PhD (Information Technology) – Chief Director ICT (Stellenbosch University), CIO (City of Johannesburg), ICT Head (DBSA), Head of Data Analytics (Barclays Africa), SARS (Risk & BI)*



*Prof N Gcaza –PhD (Information Technology) - Nelson Mandela University (Associate Professor) CSIR (Research Group Leader), South African bureau of Standards (Committee Member)*

## Potential Partners:

- 1) eHealth Tech
- 2) Research/University
- 2) Software & App Developers
- 3) Artificial Intelligence



*Dr L Luthuli – PhD (Information Management) – University of Zululand (Lecturer) Medical Records and Electronic Health System Specialist*



*Dr N Mdangayi – MBChB – General Practitioner – Eastern Cape Province Department of Health – 15 Years in Public Healthcare*





# Contact Info



**For more information and for interest to participate please contact:**

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**Presentation available via:**



# 22th March 11 CET

## Join the follow-up Telco

[www.celticnext.eu/new-ideas](http://www.celticnext.eu/new-ideas)

