



# CELTIC-NEXT Proposers Day



23<sup>rd</sup> of September 2021, Online via WebEx

Pitch of the Project Proposal

**Smart IoT enabled labels using  
printed electronics**



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# Teaser



*IoT is one of the enablers to precise optimization. We provide a digital ecosystem that will drive innovation and sustainability through IoT using innovative sensors to collect data for optimization purposes.*

*We are working on a smart label concept using printed electronics. This label will transform the ordinary packaging to smart packaging.*

*We believe that this innovation will change the South African markets through digitalization. We want to use it to solve Africa's problems. These projects are enablers for us to do just that*



# Organisation Profile



*Erith Technologies is an innovative and R&D company operating in the tech space. We are working on Lean 4.0 concepts and making them easier for clients to implement.*

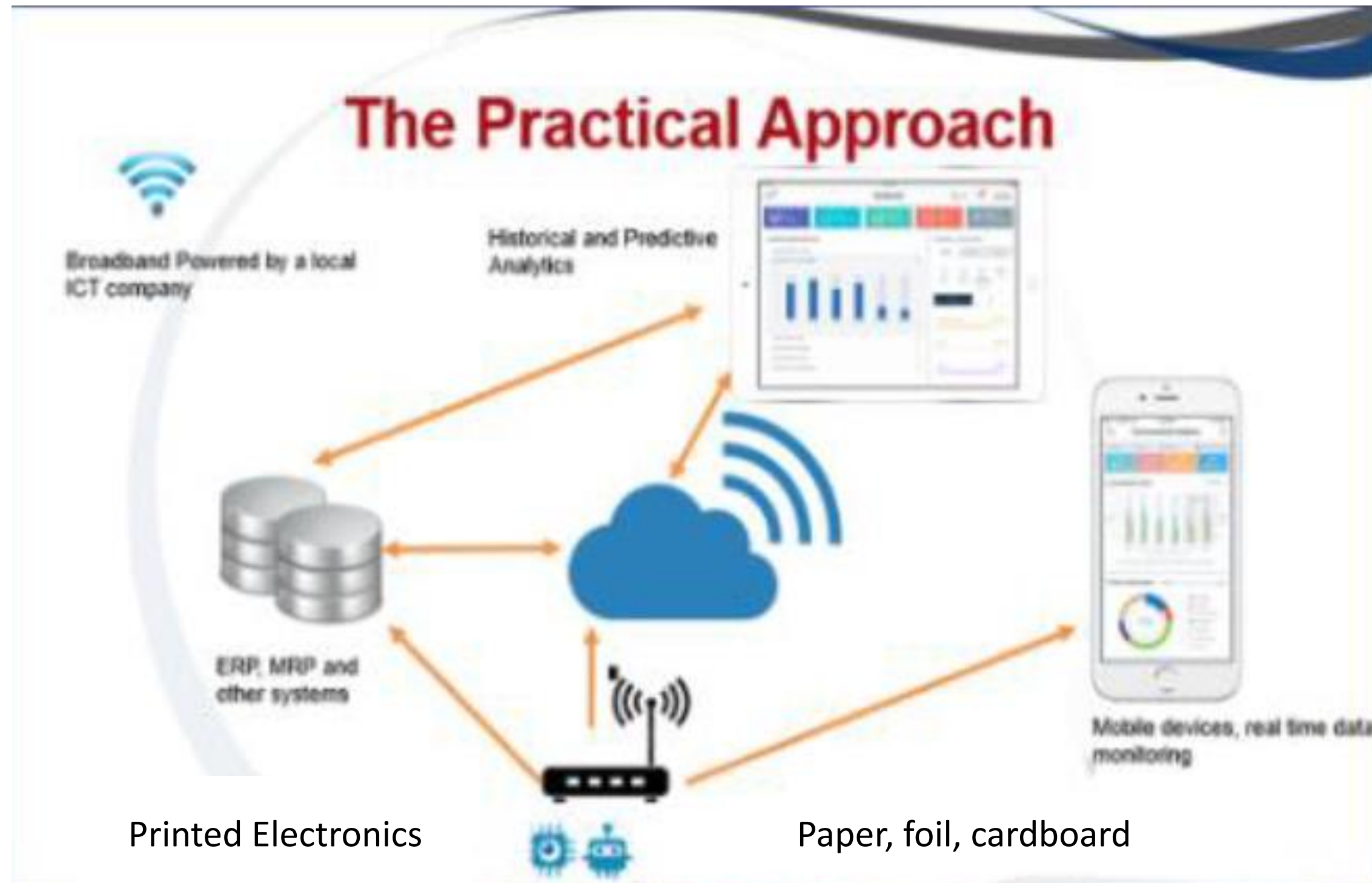
*Our services include:*

- *Equipment Monitoring/Business Optimization*
- *Data Analytics*
- *Cloud Manufacturing*
- *App Development*
- *R&D*

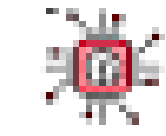




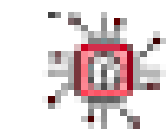
# Proposal Introduction



Automated Kanban systems



Automate Pull Flow Systems



Accurate Inventory Monitoring

*Vision is to implement this solution in manufacturing, retail agricultural and medical sectors.*

*We want to dominate in this technology and implement it in other sectors as well*

# Proposal

## Introduction



### *Expected Outcome:*

*We expect to have a fully functional prototype and at least one off taker by the end of the project. We want to start in the manufacturing sector first.*

### *Impact:*

*Inventory management and stock accuracy  
Reduced inventory costs.*

### *Project duration*

*36 months (with a industry partner agreement also)*



# Partners



## *Partners*

*RMCERI (Business Incubator in South Africa)*

*TUT-Gibela Research Chair (South Africa)*

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*Partners you are looking for:*

*Software giants (i.e. Microsoft, IBM, AWS)*

*Cloud Hosts (Azure, Huawei etc)*

*CCI-G (Track Platform) or Mackenzie*

*Deloitte and PWC*

*Any partner that will help us achieve great things*





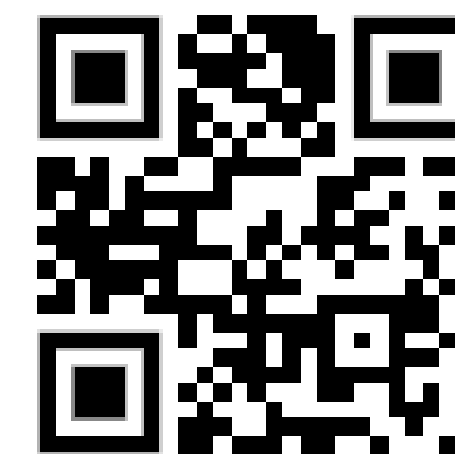
# Contact Info

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

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**Presentation available via:**