

Verifikta

PosSys4.0

Validation System for 'Position Detection System 4.0'

Becker Mining Systems

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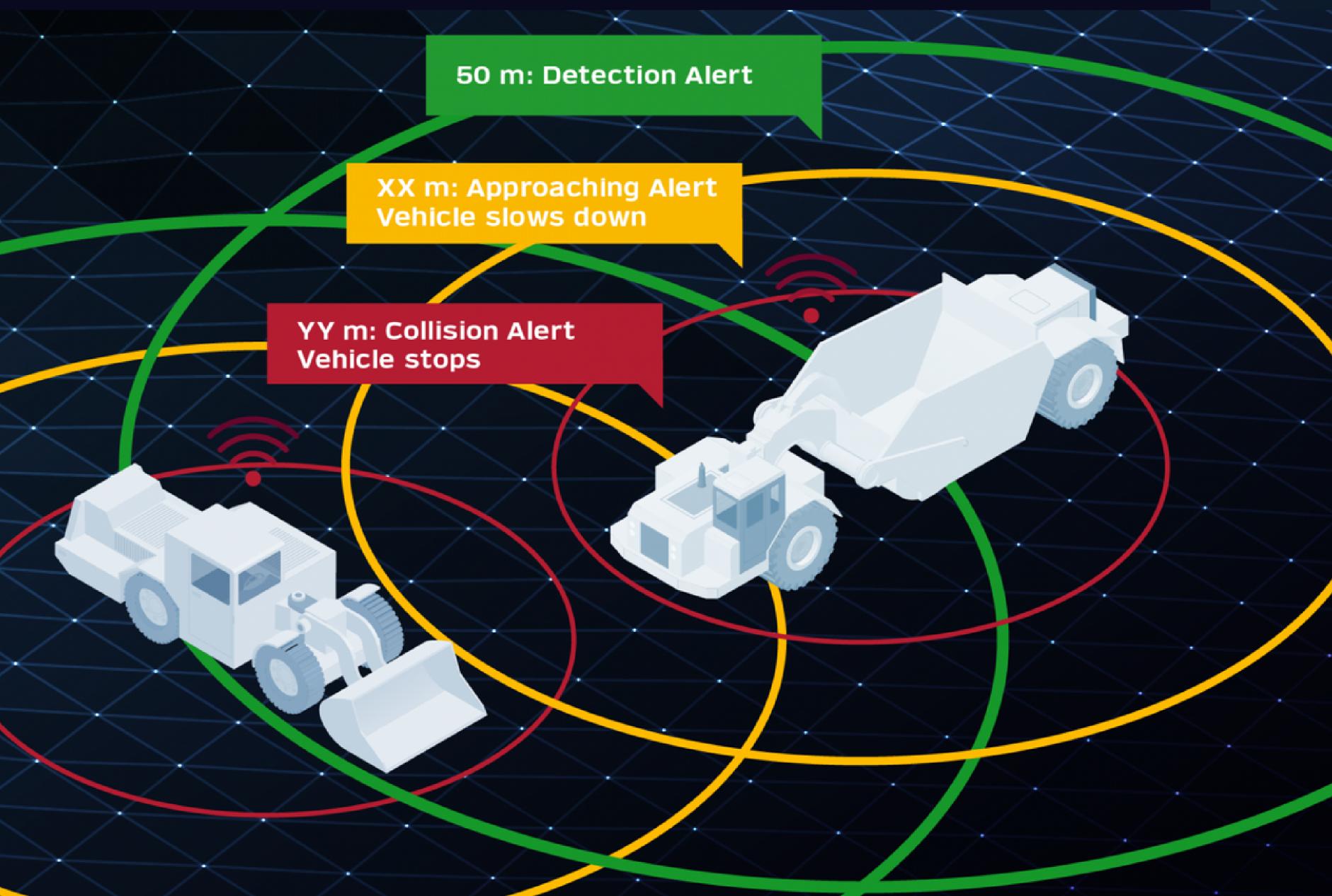
Estimates suggest mining operation accidents kill about 12,000 people a year.



A collision awareness and proximity detection system is required..

PDS 4.0

Becker Mining's
Existing Product



A collision awareness
and proximity
detection system..

... and we had to develop a verification system for it

1

Machine and Human Accidents and Fatalities

2

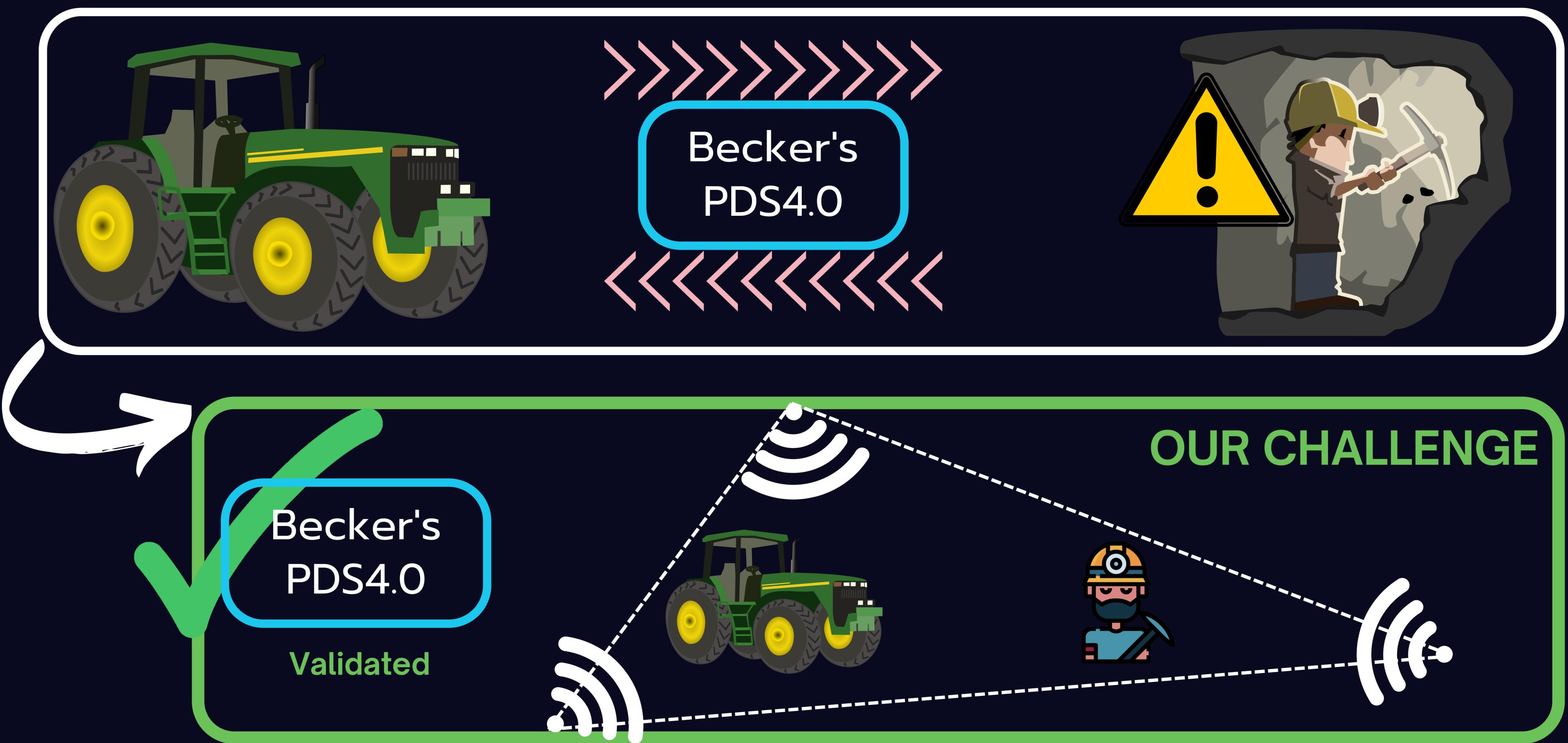
Becker Mining has readymade product -
'Proximity Detection System (PDS4.0)'

3

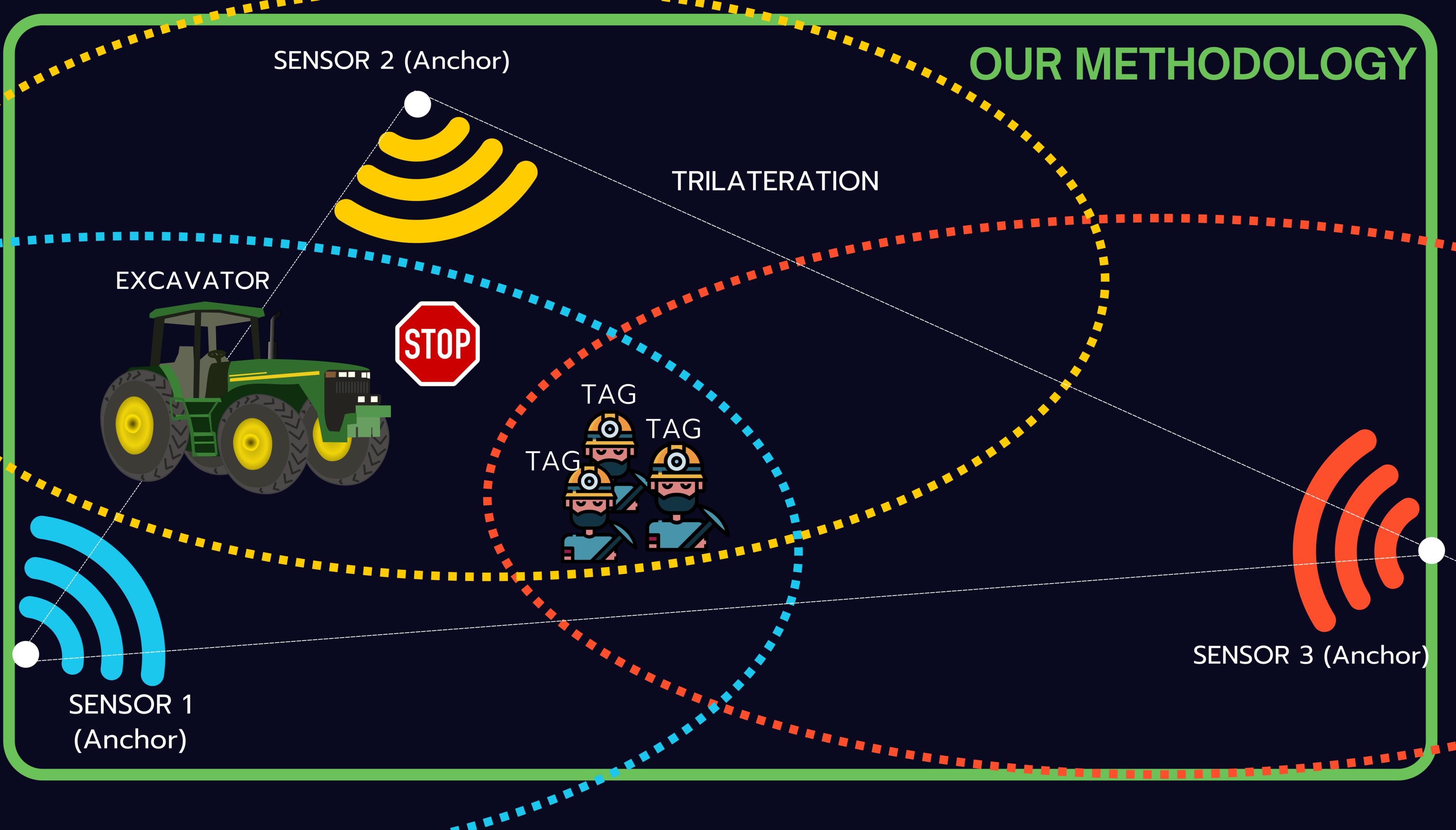
EVALUATING the RELIABILITY / ACCURACY of their PDS 4.0 !!

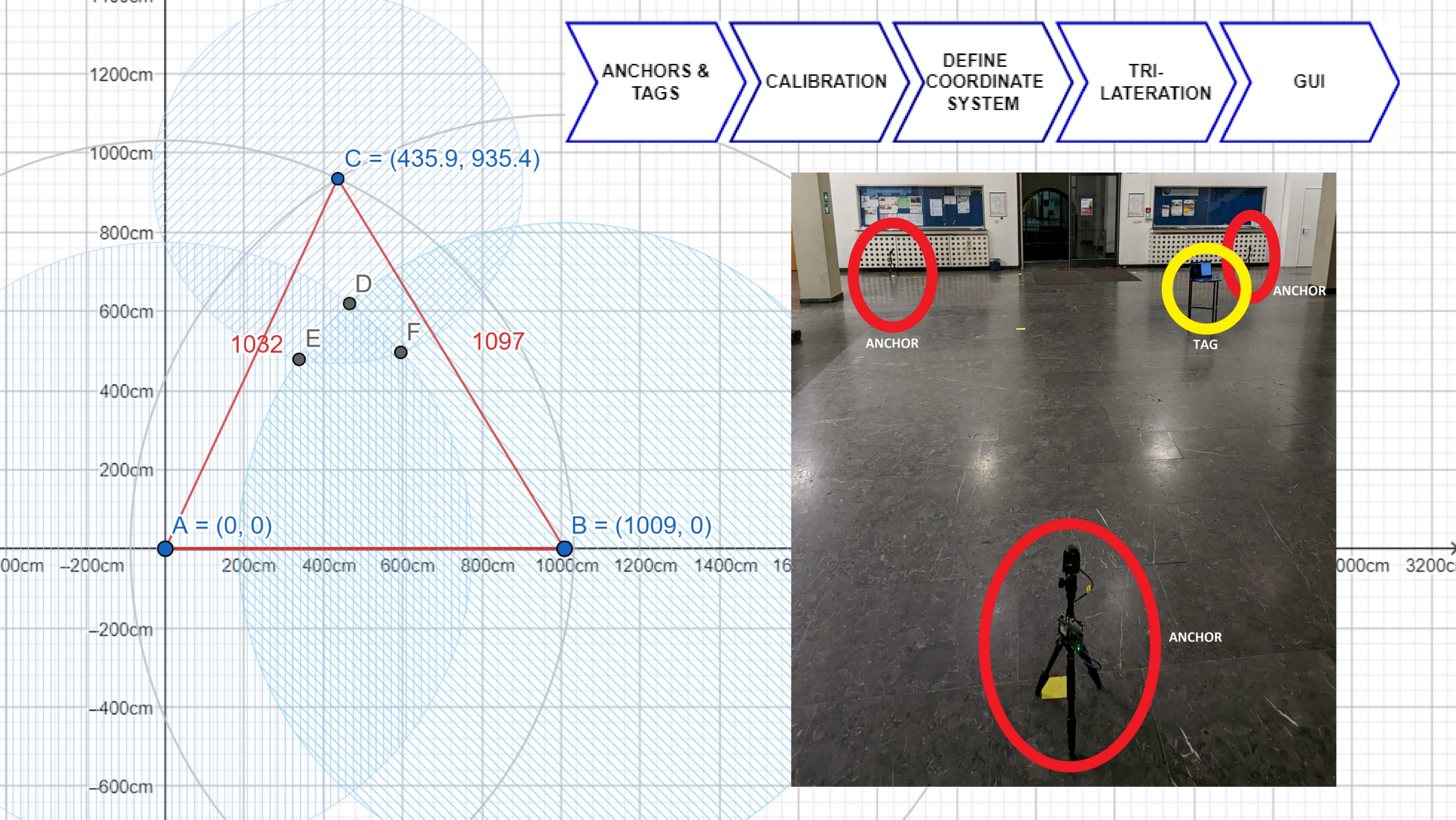


Verification Relationship



OUR METHODOLOGY





PosSys 4.0

Obstacle Location

Coordinates: (x, y)

Offset: 400 cm

Uncertainty Radius:

~50 cm

ANCHORS

Anchor node 1

ID: 00000001EFB2

Coordinates: (x₁, y₁)

Status: Ack OK

Uptime: 427808ms

Anchor node 2

ID: 00000001EBEE

Coordinates: (x₂, y₂)

Status: Ack OK

Uptime: 427808ms

Anchor node 3

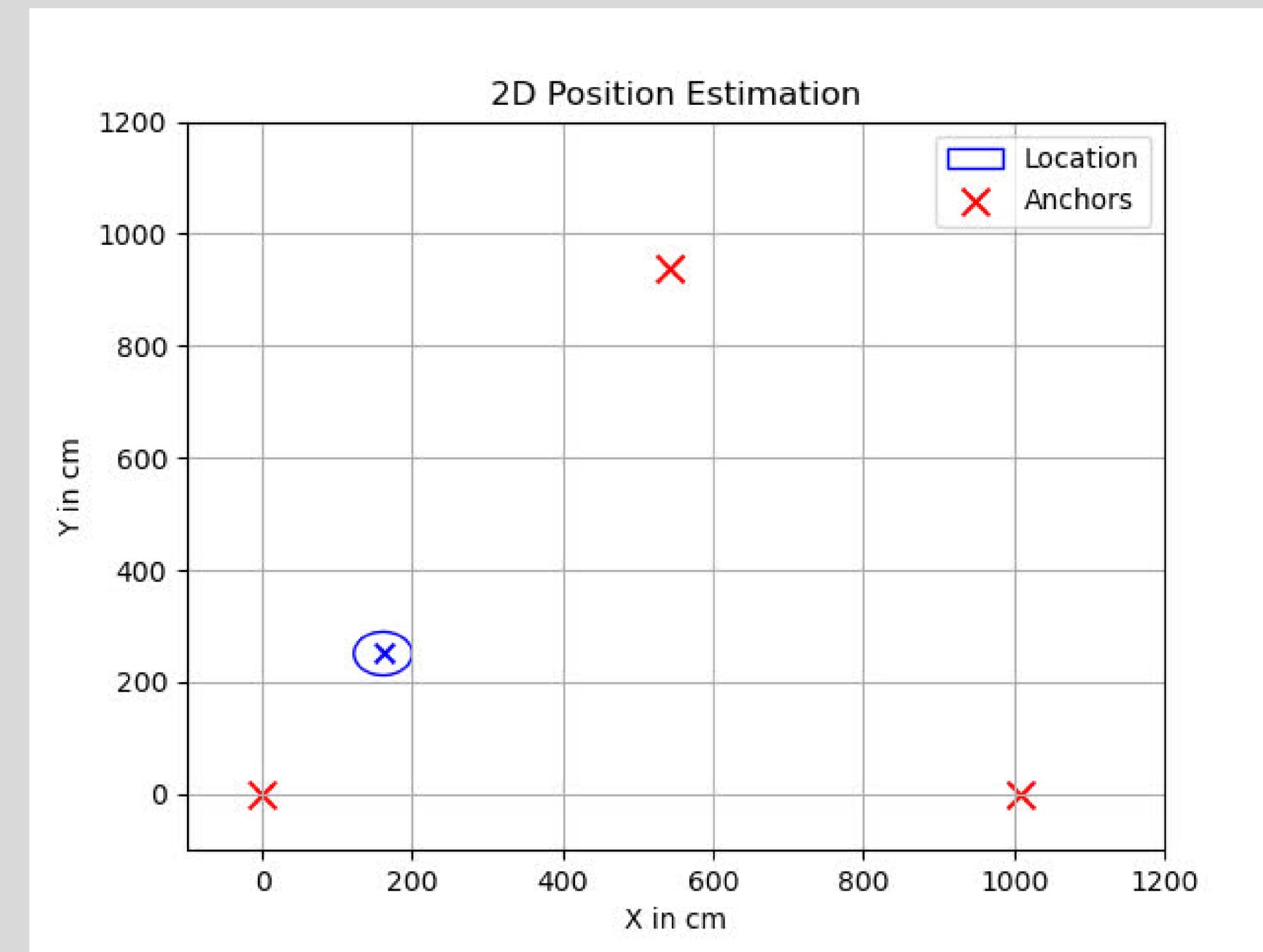
ID: 00000001EB82

Coordinates: (x₃, y₃)

Status: Ack OK

Uptime: 427769ms

Coordinate Window



Run

Thank You!

Open for questions