

# What is a Digital Twin

and

## Why do we need it?

### 4 Key Benefits:



Uses Simulation & Emulation  
**Ensure smooth transition**



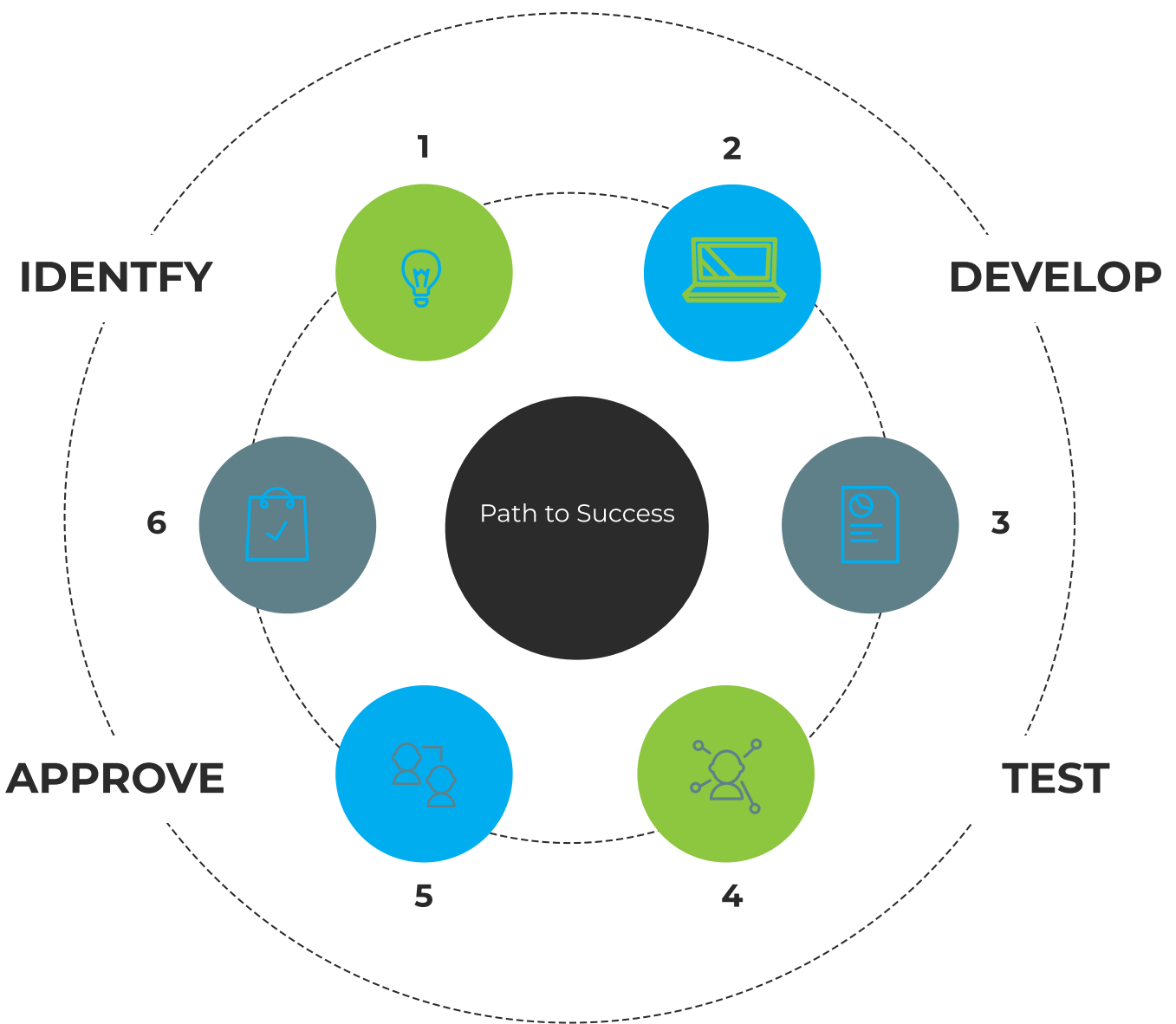
Virtual Practice Runs  
**Know what you are getting into**



Real-Time data  
**Glimpse into what's happening**



Verify Expected Results  
**Runs smoothly and efficiently**



#### DECIDE TO PURCHASE EQUIPMENT

Ready to make a big purchase

1

#### INITIATE EMULATION

Use emulation tool to reduce risk

4

#### CONTACT SOLUTION PROVIDER

Solution provider optimizes scenario planning

2

#### SOLUTION PROVIDER & BUYER APPROVAL

Solution provider will write, run, and verify code and equipment parameters

5

#### DEVELOP SIMULATION

Verify simulation can maximize throughput

3

#### IMPLEMENT

Install new equipment

6

SOURCE: <http://www.pls.net/talent-management/talent-management-integrated-system.html>