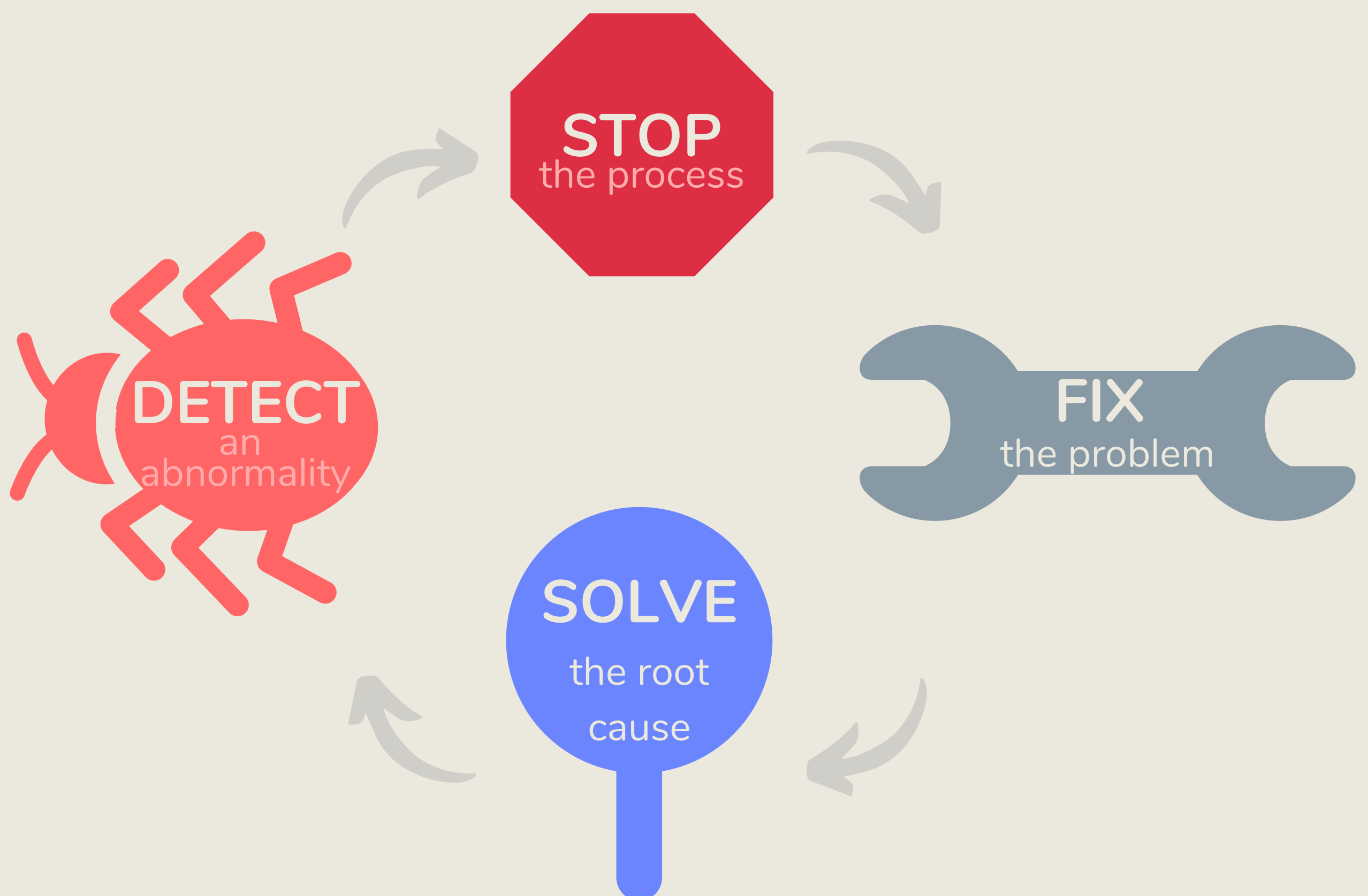# JIDOKA

Automation with a human touch.

In Japanese, Jidoka means building quality into the process. It's a simple way of protecting your company from delivering products of low quality or having defects that relies on 4 steps.
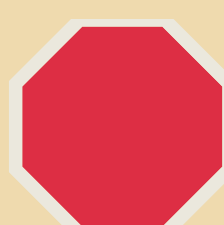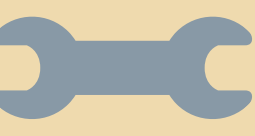
STOP
the process

FIX
the problem

SOLVE
the root
cause

DETECT
an
abnormality

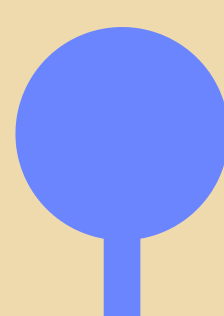#quality #autonomation #process #abnormality #stop #fix #investigate

HOW TO

CHECK IT

In a software development environment, Jidoka's first and second steps are easily automated with **POKA-YOKES** as **check-in policies**, **workflows**, **rules**, **scripts**, **tests**, etc. implemented in source control systems to define **conditions** that developers have to meet to deliver any piece of code.

Whenever a **rule** is violated, desired developers are notified automatically so the system can't be broken.

However, the third and fourth steps need that **human touch** stated in Jidoka. Developers are needed to fix the problem based on the results of the check-in tests.

Furthermore, they can try to **find the root cause** of it and **take note** of the problem for future cases.
Once the fix is accepted, the development process can be continued.