The iNDTact Project Development Process

With our Sensor or System products in combination with our deep knowledge in hard- and software design in condition monitoring, we provide you with a custom solution for your product, equipment or process.

See the iNDTact Project-Development Process to get an understanding on how to work with us.

Two different approaches are possible:
1. iNDTact Sensor Product/System applied to your Product/Equipment/Process (Integration/Application), see below
2. Custom development for your Product (Development)

Whether you are planning to implement "the smart" into your products or to roll out higher quantities of condition monitoring systems for your production - our engineers will be pleased to work with you.
After assessing the case requirements, decisions on POIs (points of interest) are made, the number of applications is discussed and the desired output is defined. iNDTact decides together with you, our customer, which sensors or hardware to pick and if needed, how parameters are changed to suit your application. In case of a condition monitoring system iNDTact is taking gateway and network considerations. In the requirements of the project we define in which way you would like to get the analyzation results. Whether you need them displayed at your machine, tablet or just as an LED light at your device, everything is possible.
Feasibility

Requirements Acquisition

Case Determination

Market Assessment

Objectification

Pilot Product/System and testing phase under controlled conditions. **LAB TESTING.**

Solution Benchmarks

Prototyping and testing Phase under field conditions. **FIELD TESTING**

Requirements Alignment

Kick-Off

First case and requirements acquisition and market forecast. **PROOF-OF-CONCEPT**

Testing

Pilot product/system and testing phase under controlled conditions. **LAB TESTING.**

Prototyping and testing Phase under field conditions. **FIELD TESTING**

Field Test

Requirements Alignment

First products produced under pre-series conditions. **PILOT PRODUCTION**

Pilot Production

Pilot Fielding

Series

Production

Products approved for and produced in series conditions. **SERIES PRODUCTION.**

Production Optimization

Logistics Optimization

Roll Out

Kick-Off

First case and requirements acquisition and market forecast. **PROOF-OF-CONCEPT**

Feasibility

iNDTact Introduction

Requirements Acquisition

Case Determination

Market Assessment
In the feasibility phase we work together on requirements for the integration, application or development. In a first feasibility check, iNDTact assesses the requirements and possibilities with our systems in combination with third-party equipment by setting up a first measurement campaign.

If further iteration is needed and the project scope is more complex, a full feasibility study will follow.

With a first pilot or functional prototype further decisions on the process can be made.
Objectifization

In the objectifization phase we run the product or applied system under laboratory or simplified conditions. A reduced scope of functionality will be assessed here.
Validation

In the validation phase we run the product or applied system under field or near series conditions. The full scope of functionality will be assessed here.
Pilot Series

In the pilot series phase a pre-series state of the product or applied system is reached. A roll-out in reduced quantities can be carried out.
In the series phase the roll-out of your product or process with iNDTact technology is carried out.