Configure with MultiOne and SimpleSet

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Configure with MultiOne and SimpleSet

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- ❑ Building blocks for configurability
- ❑ Set up the configuration system
- ❑ Datalogging

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Introduction

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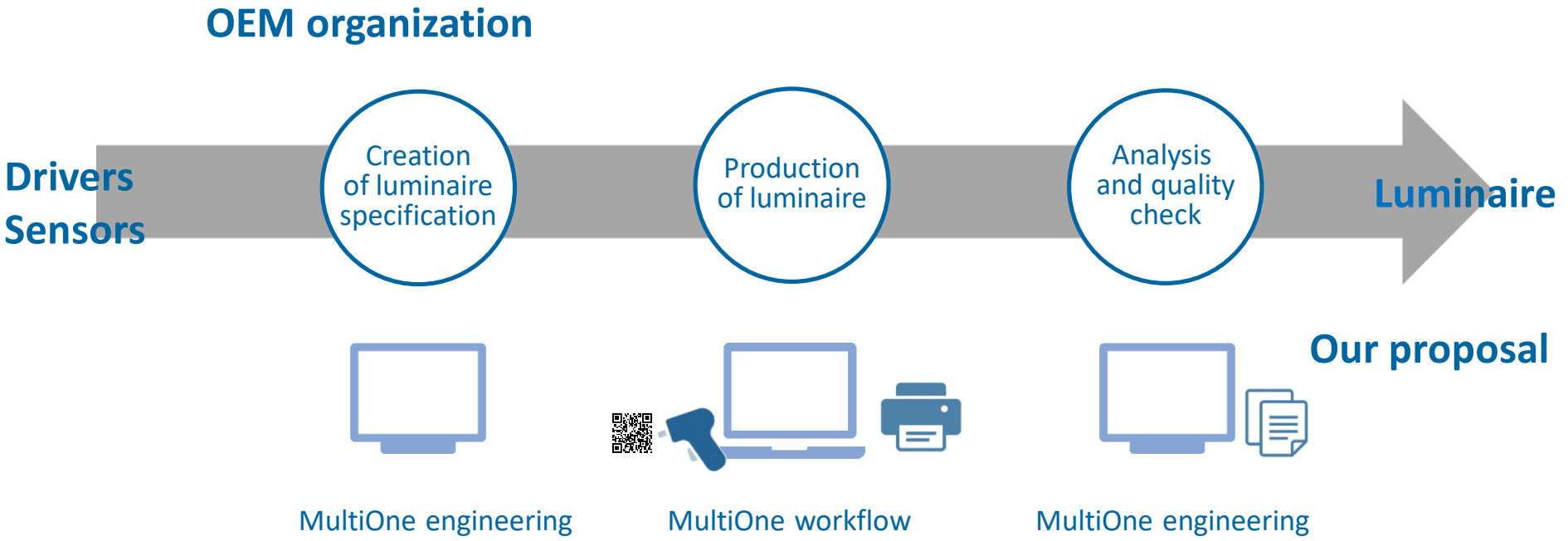
Introduction: one tool



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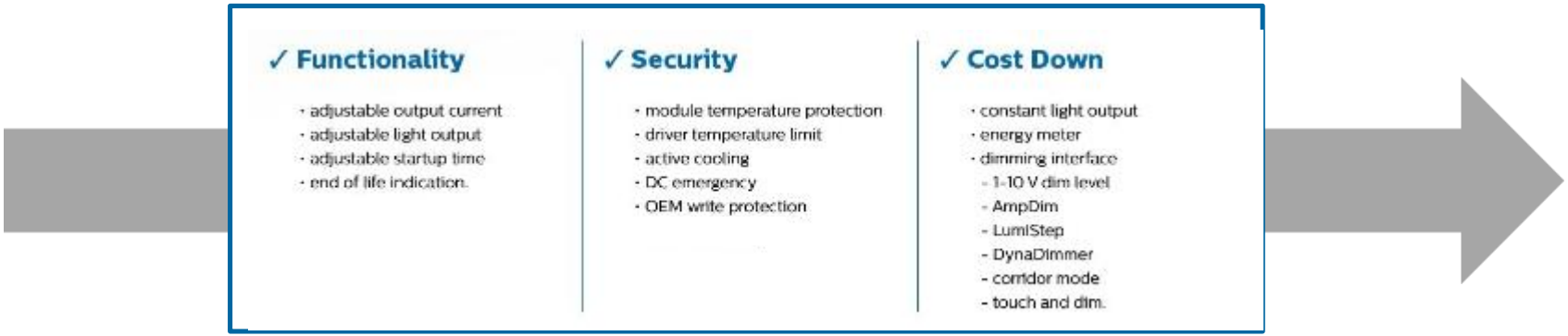
Introduction: feature set

Depending on the type of driver, a set of features and functionality is available



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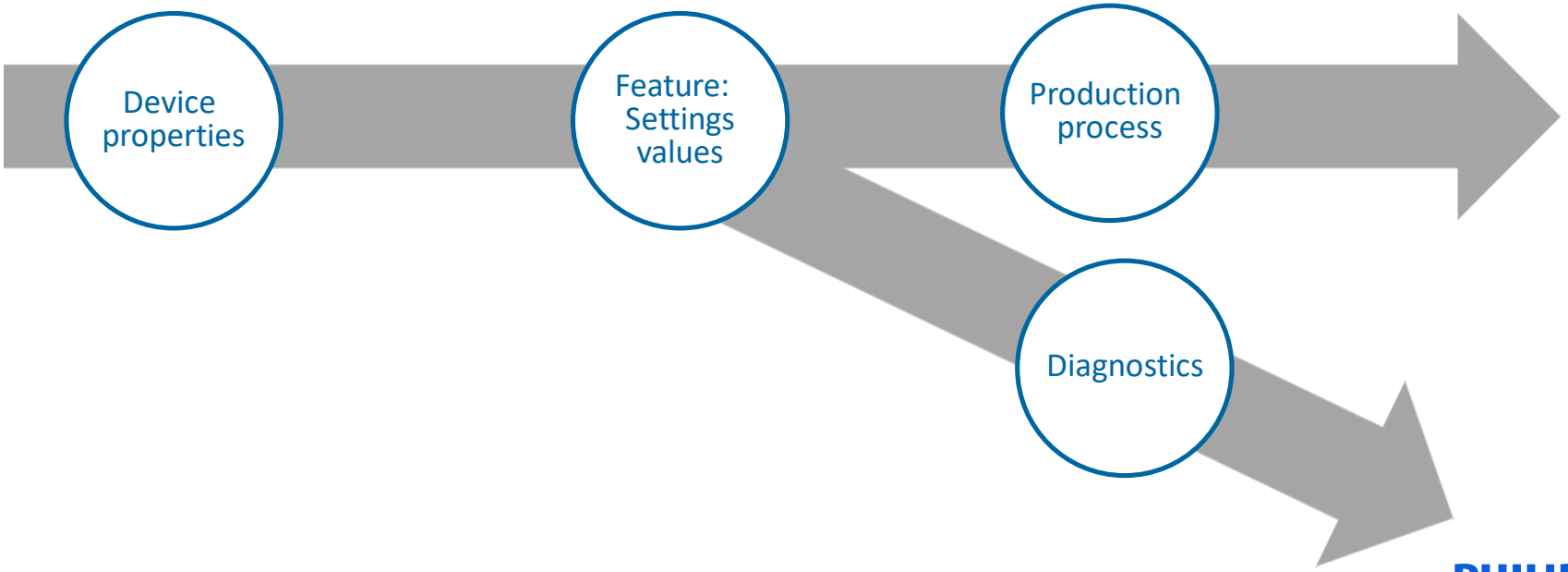
introduction: logging data

The collected information during configuration, can be used to set up traceability of product and process



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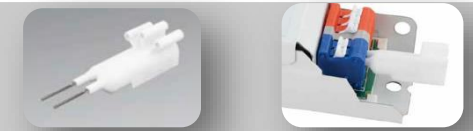
Introduction: technology

How to configure with Philips	Use of	Setting/Read out of
Via resistor on driver ➢Rset, LEDset ➢High resolution, no discrete steps		Current
Via DALI ➢Philips MultiOne configurator ➢Make use of DALI network (*)	DALI	Features DALI commands Diagnostics
Via SimpleSet ➢Philips MultiOne configurator ➢Make use of NFC technology ➢Wireless, power less, fast, any stage conf	Wireless	Current Features Diagnostics

SHIFT

(*) – More solutions in the market – different competitors

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Building blocks for configurability

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Building blocks for configurability

More then 19.000 users
Used in 85 countries
Worldwide

- Programmable drivers and sensors
- Control devices
- Interface
- PC

- MultiOne Engineering 3.8.1
- User Software Key
- MultiOne Workflow 3.8.1.
- MultiOne Basic 1.0

- Website www.Philips.com/MultiOne
- MyTechnologyPortal
- Sample webshop
- Design in support

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Basic blocks for configuration – Interface

Type of tool	MultiOne name	Supplier + Basics	More info:
DALI 	LCN8600 MultiOne interface USB2DALI	**Philips** • tool developed by Philips • specific for MultiOne	- Multiple configuration (up to 64 same drivers at the same time) - Also used for DALI functionalities (scheduler, commands,…)
SimpleSet 	LCN 9610 MultiOne interface SimpleSet	**FEIG :** • Tool based on **ID ISC.PRH101-USB HF** • Aligned with our software -> recognized by LCN code	- Use in production environment (Robust) –> driver configuration - Reach up to 3 cm - Push button has no functionality - Parallel detection of signal
SimpleSet 	LCN9620 MultiOne interface SimpleSet	**FEIG:** • Tool based on **ID CPR30-USB HF** • Aligned with our software -> recognized by LCN code	- Use in every environment -> driver/subassembly and luminaire - Reach up to 1 cm - Parallel detection of signal - Build in table of handheld
SimpleSet 	LCN9630 MultiOne interface SimpleSet	**FEIG:** .Exists of - Mid Range Reader ID ISC.MR102 - Use of different antenna's - Adapter to 12V - USB cable and antenna cable	- Depending on the antenna -> larger reach – up to 10 cm - Detect through thin non metal material - Detection in different directions

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Basic blocks for configuration – Interface 3th tool

Interface

Use inside the luminaire

antennas

Use for driver or outside the luminaire

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Set up the configuration system

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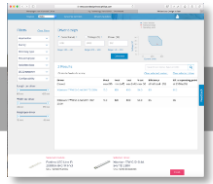
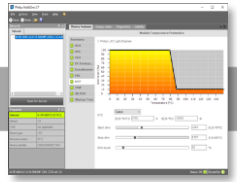
Setting up the main flow of configuration

MultiOne
Basic

My
Technology
Portal

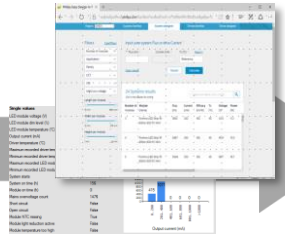


EDIT



MultiOne
Engineering

MultiOne
WorkFlow



MultiOne
Reporting/Diagnostics

SNS2x0

SNH2x0

SNO1x0

In-field
App

Drivers

Engineering
Prepare Production

Production

Quality
Process Control

In-field
Product configuration

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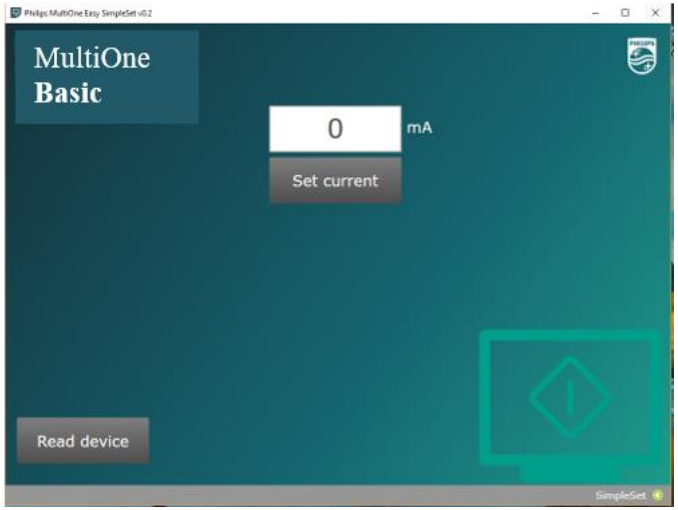
Setting up the configuration system – Basic



- Install the software
- Connect the interface tool
- Start working
  - Press read device
  - All properties of the driver are visible

  - Fill value of current to be set
  - Press set current
  - Wait until green V
  - Driver is programmed

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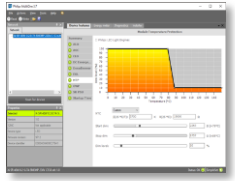
Setting up the configuration system – customized workflow



Barcode:
- Feature file (xml file)
- 2 custom fields
- quantity

Feature file (barcode)
Settings station

Product portfolio
Interface

Label - direct printing
Datalogging xml file

Datalogging (xml file):
- Driver info
- Features + values
- Production process

Label (csv file):
- Current
- 2 Custom fields
- Date
- Device ID
- Version
- QR code

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Setting up the configuration system – Future

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Data logging and traceability

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Datalogging

Information free to use and available in the datalogging :

Product

DeviceName
DeviceVersion
FirmwareRevision
DeviceIdentifier
TwelveNc
Feature 1
setting 1
setting 2
Feature 2
Feature ….

Production

DateTime
BatchSize
BatchProgress
Production successful

scheduler file location
FeatureFileLocation
Protocol
WorkflowType
Verify
IdentifyAlways
MultiDevice
CommissionAll
CheckDevicemodel
DaliFactoryNew
CheckDevicePresent

Customer

CustomField1
CustomField2

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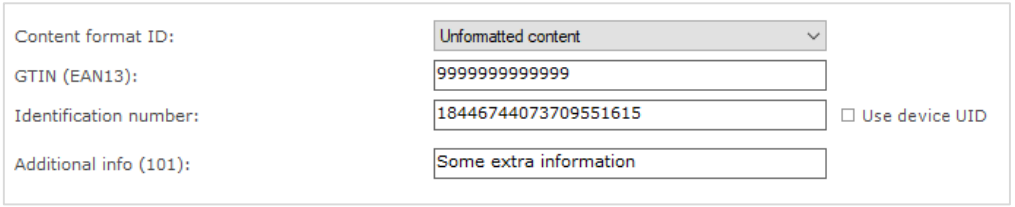
Traceability

Feature Luminaire info:



- contains three mandatory fields:
  - Content format ID -> select the content format,
  - GTIN of the luminaire (13 digits)
  - Identification number of the luminaire (up till 15 digits)
    ->used as traceability information for OEMs
- Depending on Content format ID -> additional fields are available for storing more detailed information

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