Turn-key IoT





The IoTize solution



IoTize mission: Connect electronics to apps & cloud



Bypass obstacles that would require years of R&D. Connect electronics instantly to the cloud and to mobile apps.





Configure, Monitor,

Shared benefits

End users

Better, more user-friendly apps

Advanced features

Guaranteed cybersecurity



Manufacturers

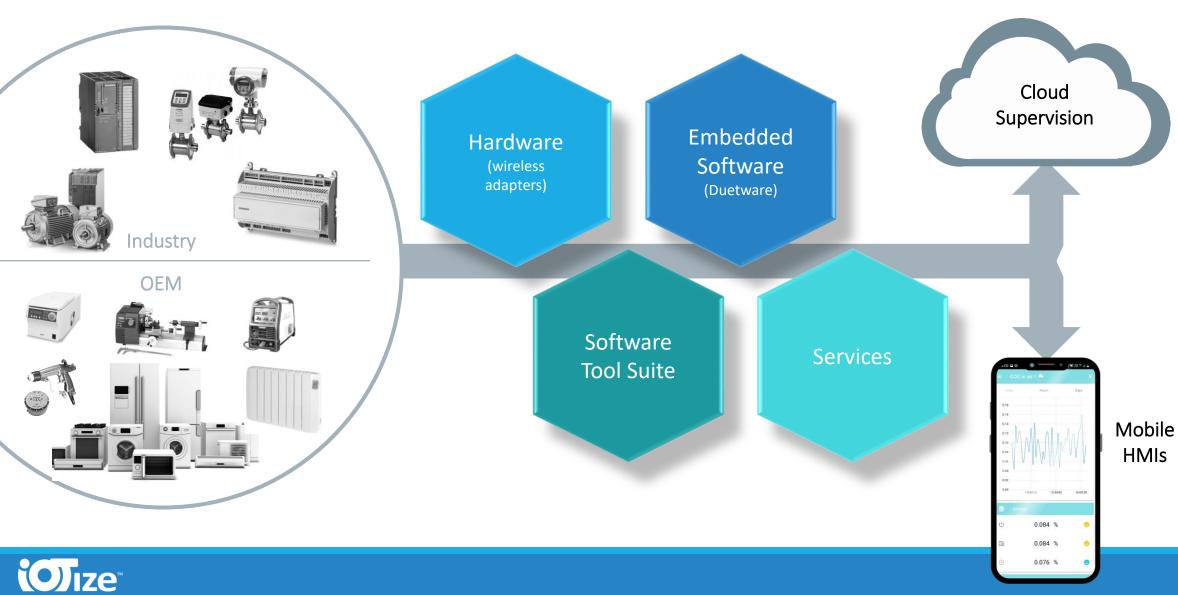
Eliminate risks, reduce time-to-market

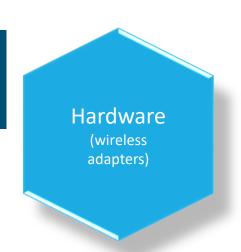
Improve user experience

Dramatically reduce development costs



The IoTize Solution

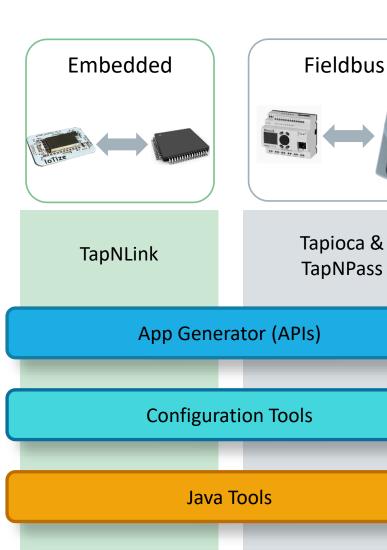




OEM



TapNLink & 3rd-party modules



Firmware (Duetware)

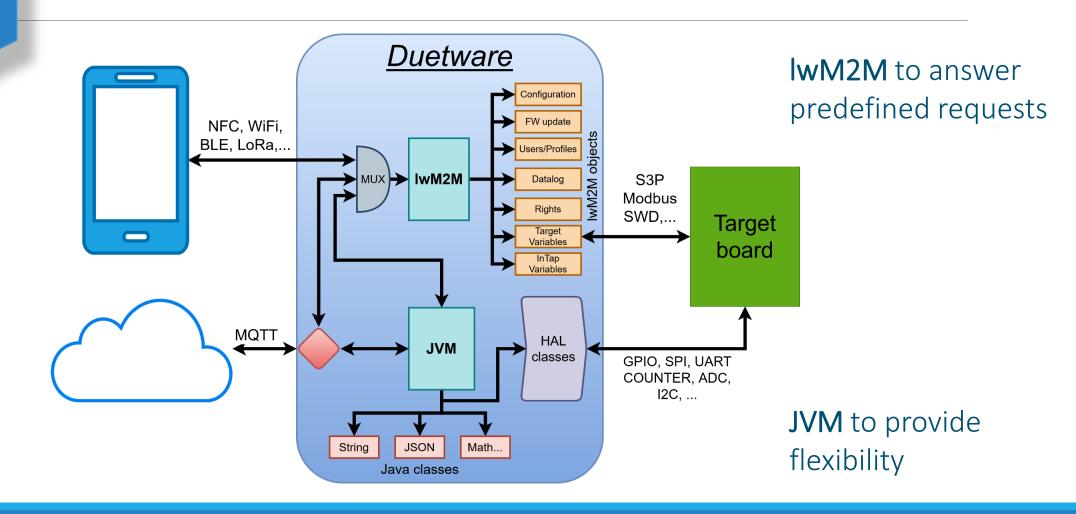
Industry & HVAC



Gateways to mobiles or Cloud

Embedded Software (Duetware)

Powerful, flexible dual-machine firmware





Software Tool Suite

Software Tools

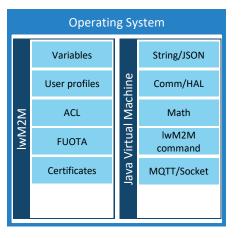
New >

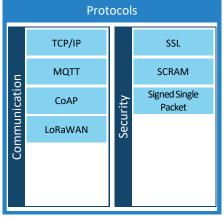
Tool	Platform	Use
App Editor	Server app	Create an enhanced mobile app.
App Generator	Server app	Generate Ionic project, then an APK or IPA.
Tap Manager	Mobile app	Universal, adaptable mobile app.
IoTize Studio	Win exe	Device and HMI configuration, test. CLI utilities (command line).
Java Debugger	Win exe	IDE with Java development suite: IDE, linker, debugger

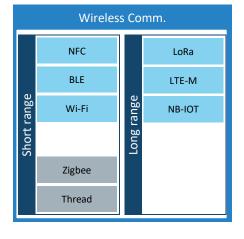


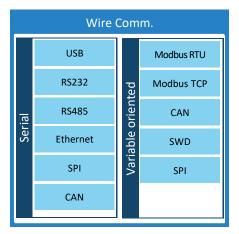
Embedded
Software
(Duetware)

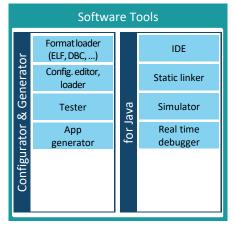
Solution software bricks

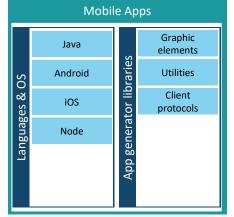












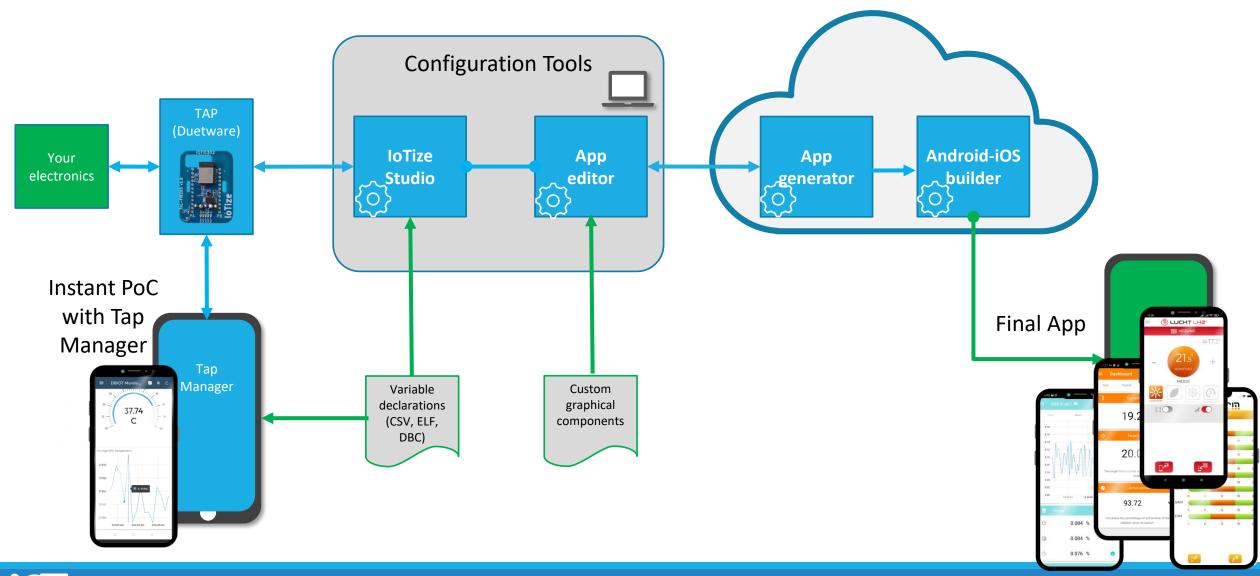
Software Tool Suite



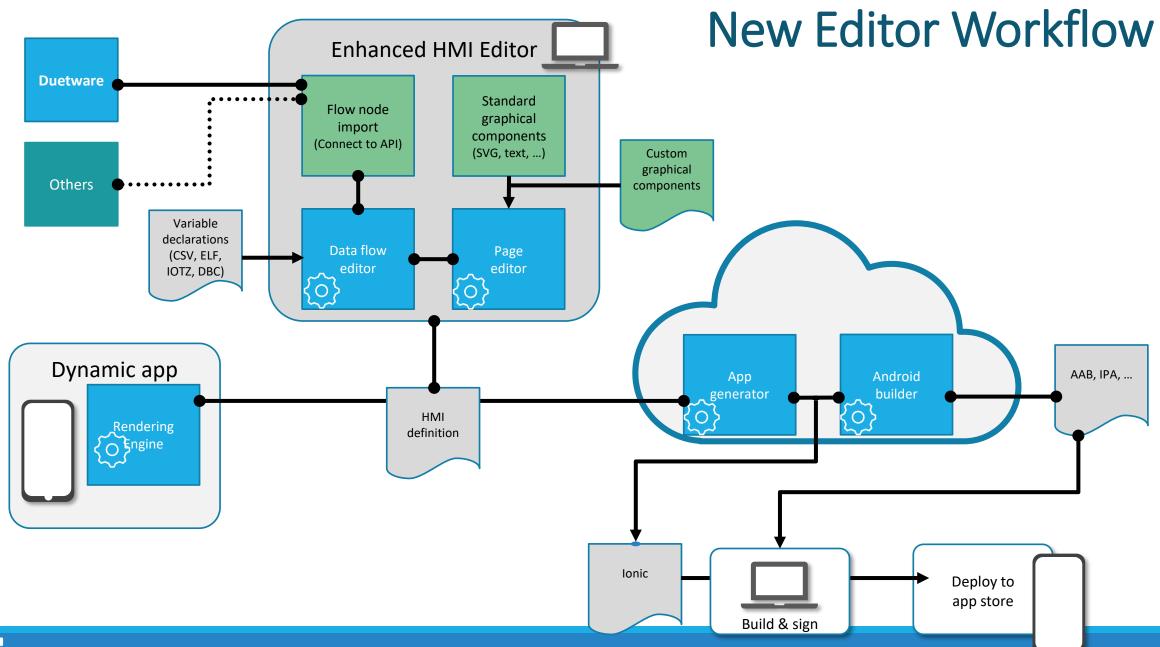
New Enhanced HMI Editor



"No Code" software Solution









App Editor:

Main characteristics



Interactive

WYSIWYG, drag and drop, No Code/ Low Code



Open

API to import graphical components and dictionaries of variables



Manages complexity

Mix of data, timing, actions, colors,...



App Editor Suite: Two complementary tools

Page Editor: How it looks Flow Editor: How it works ♥ LED mode LED mode Blink Period Counter control Reset Counter Reset periodically by the App 10.5 %

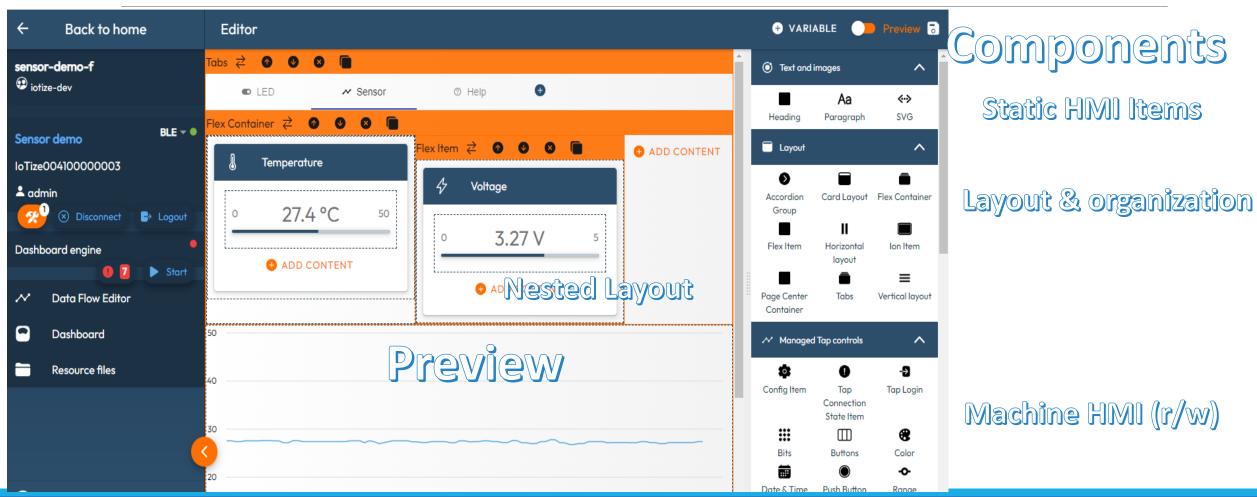
Page Editor: Construct each page of the HMI





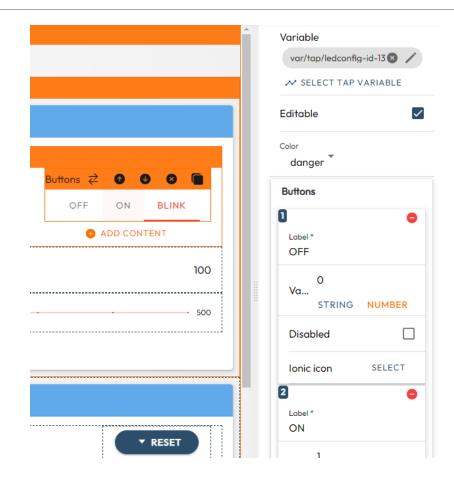


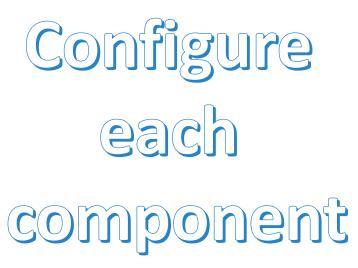
Page Editor: Layout view to organize page contents





Page Editor: Edit HMI components



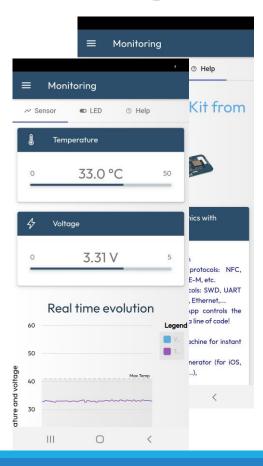




Page Editor: Real time test

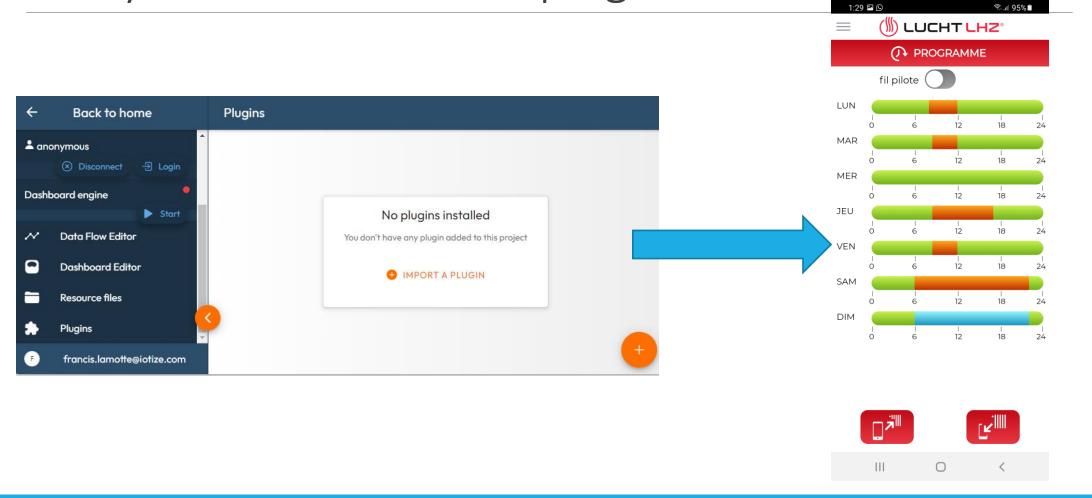


2 Test with Tap-Manager





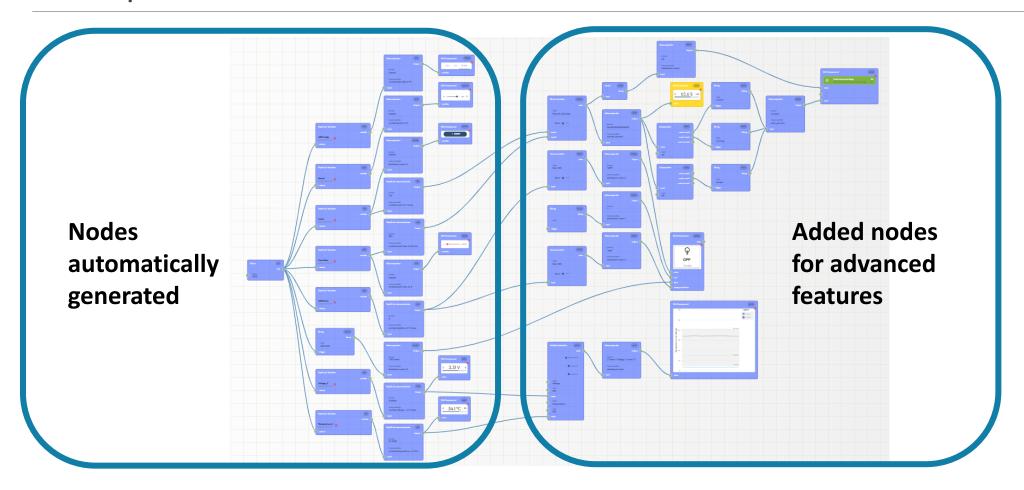
Page Editor: Add your own advanced plugin!





Flow Editor:

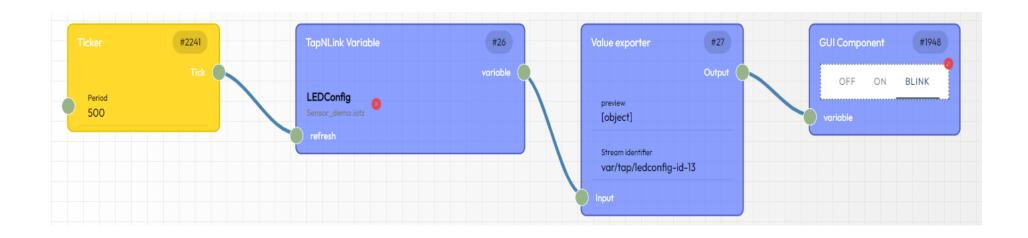
An optional tool for advanced features





Flow Editor:

Driving the data from the hardware to the dashboard







Flow Editor: Node types



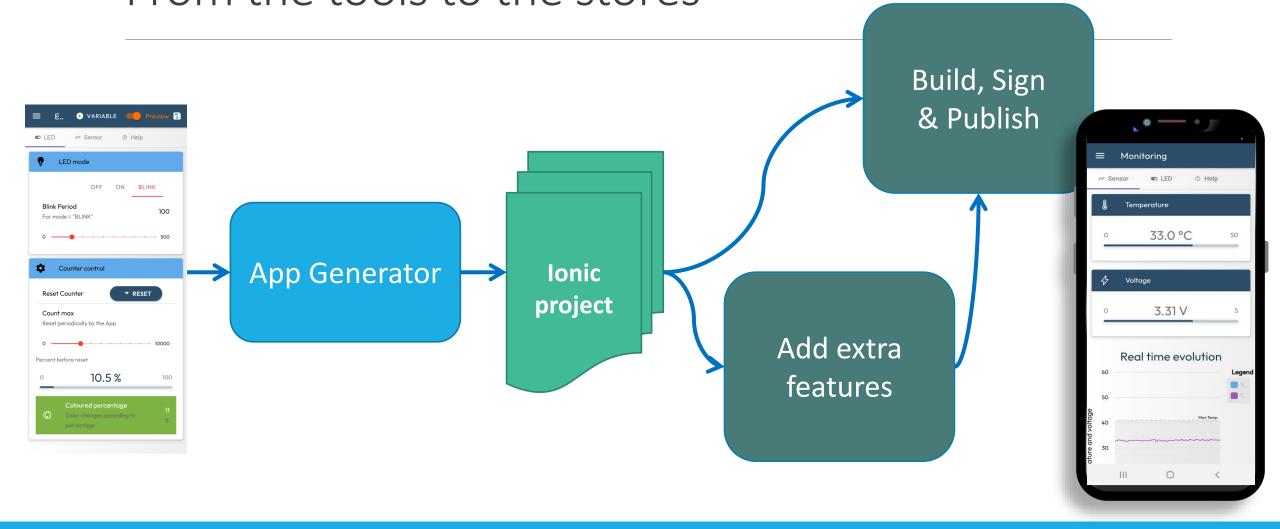


3 steps

Step	Context
Preview	Immediately in the Dashboard EditorWYSIWIG edition
Dynamic Test	 With a dynamic App (Tap Manager or equivalent) Multi-device, multi-HMI,
Static App	 Specific to one (or a few devices) Customer dedicated App (published or not)

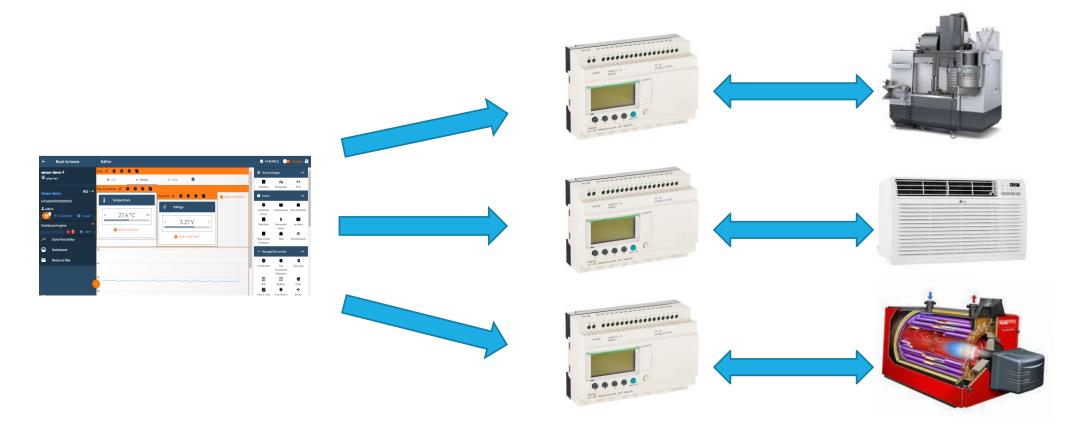


Last Steps: From the tools to the stores





Use cases for the App Editor + static App Example of PLC integrators





Use cases for a dynamic App + App Editor





Annex Slides



Location of the HMI Storage: PROS and CONS

