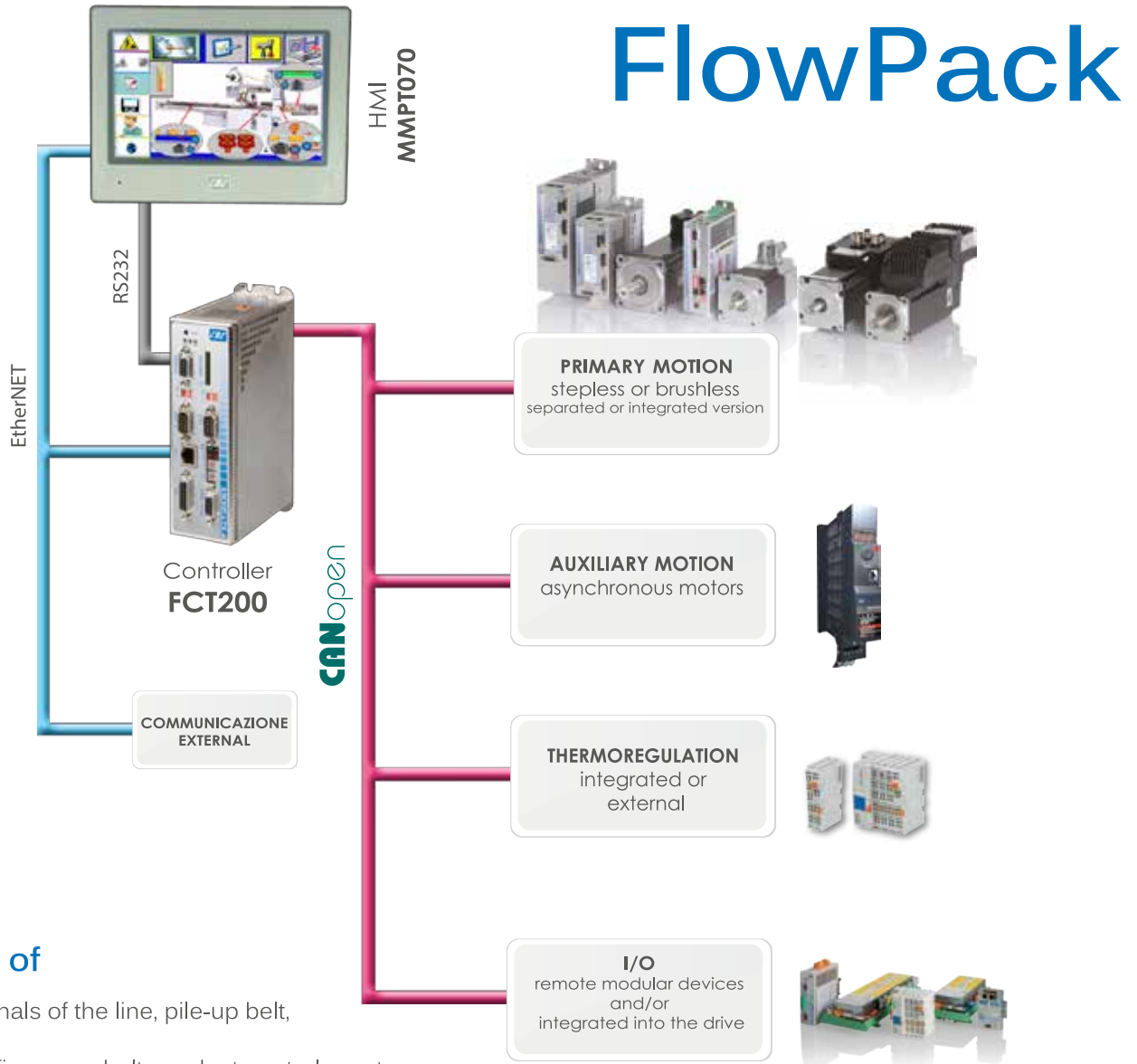# THE SOLUTIONS READY

Configurable applicatives directly from (HMI)

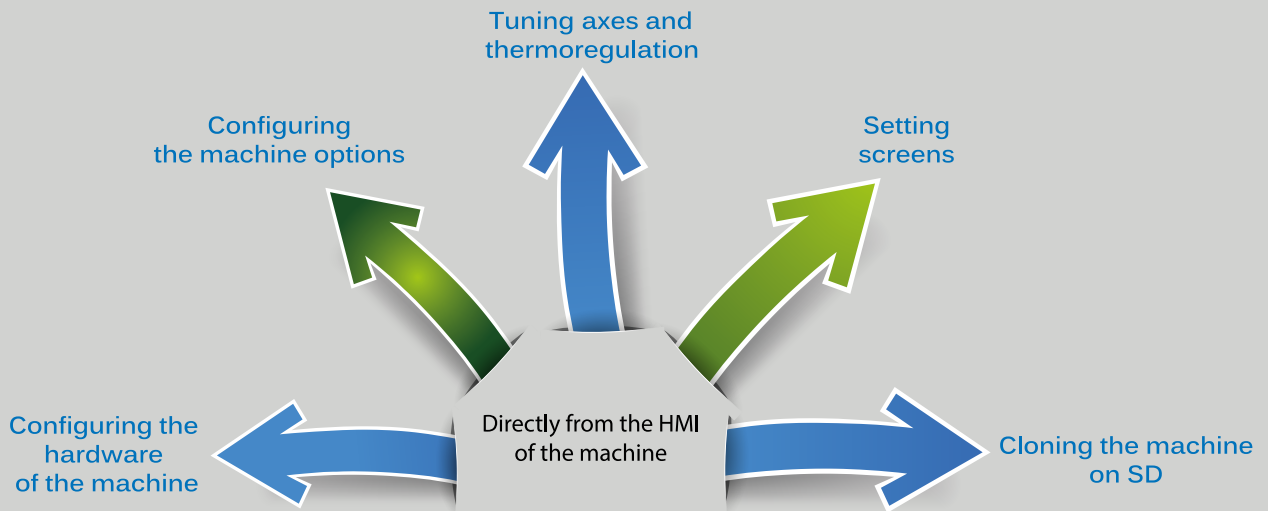| Reduced time in making machine operable and in immition the machine on the market | Reduced investment by the OEM in SW development | Not programmer required in making machine operable | Possibility for the customer to directly modify the machine functionalities |

FlowPack

HMI
MMPT070

RS232

EtherNET

Controller
FCT200

CANopen

COMMUNICAZIONE EXTERNAL

PRIMARY MOTION
stepless or brushless
separated or integrated version

AUXILIARY MOTION
asynchronous motors

THERMOREGULATION
integrated or
external

I/O
remote modular devices
and/or
integrated into the drive

Management of

- Feeding: control signals of the line, pile-up belt,
  phasing belt
- Loading: chain with fingers or belt, product control, waste,
  customized loaders
- Forming of the package: unwinder, change of the film coil, touch probe, puller, printer, labeller
  welding wheels, regulationof the height wheels, misplaced product management
- Sealing and cutting of the package: head regulation, weilding product check, jaws closing management and knife
  management, programmed cut
- Discharge: management of output belt, discharge of empty and bad packages,
  control signals with the rest of the line

The CMZ configurable applicative foresees all the features of a standard machine easily activated without programming software experience

Tuning axes and thermoregulation

Configuring the machine options

Setting screens

Configuring the hardware of the machine

Directly from the HMI of the machine

Cloning the machine on SD

Software features

Multilanguage graphical interface, comprehensive and intuitive

Access to pages with customizable login and password

Unique configurable software without the need for revisions sw for each model of packaging machine

Dynamic mapping of HW devices by HMI

Operator interface automatically composed according to the devices and to the operating mode setted

Setting of all operating parameters according to the access privilege and/or parameter settings such as general data or recipe

Management of 100 recipes resident in memory expandable on SD card and identified by number and alphanumeric codes

Recipe management protected, depending on the active password level and recipe management prototype

Management of data back up

Data management: security, export, import and format standard

Setting the parameters of the devices and characterization recipe even while the machine cycling

Detailed diagnostics on HMI of hardware and software components, manual testing of various devices, simulation

Possibility of connection of the machine in Ethernet networks

Updating of the SW with USB pen and SDcard

Example displays