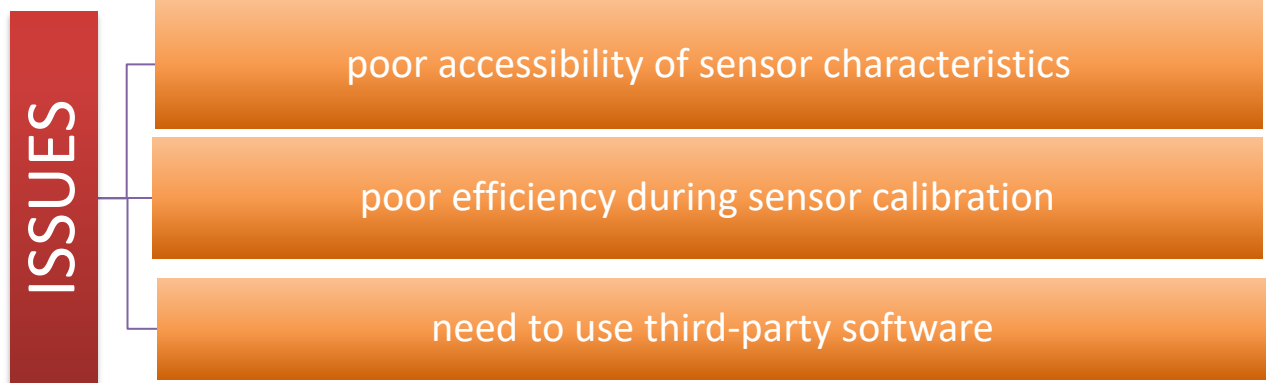


# Gantner to AdaMo



---

## SOLUTIONS

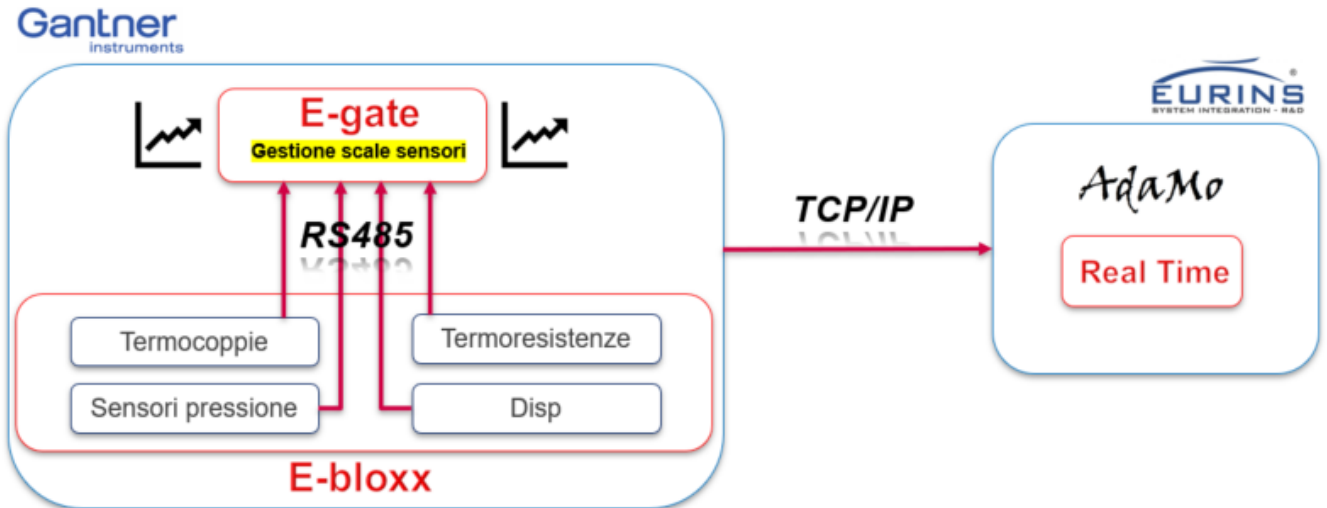
Porting in AdaMo of the management of the sensors scales connected to the Gantner modules, such as: thermocouples/thermoresistances/pressure sensors/voltage analog inputs

---

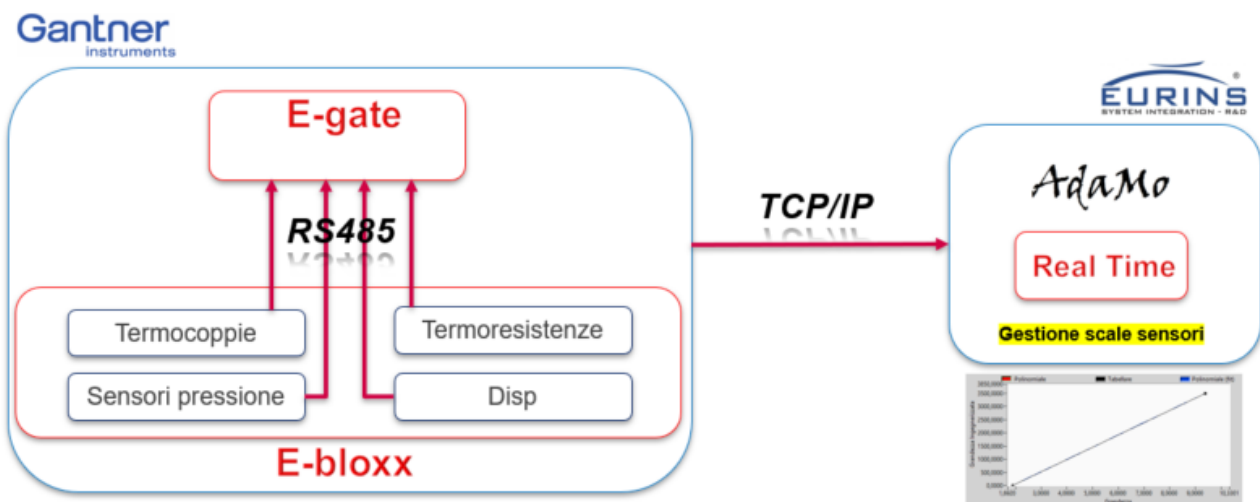
Reset scales on Gantner E-Gate

---

## AS IS



## TO BE



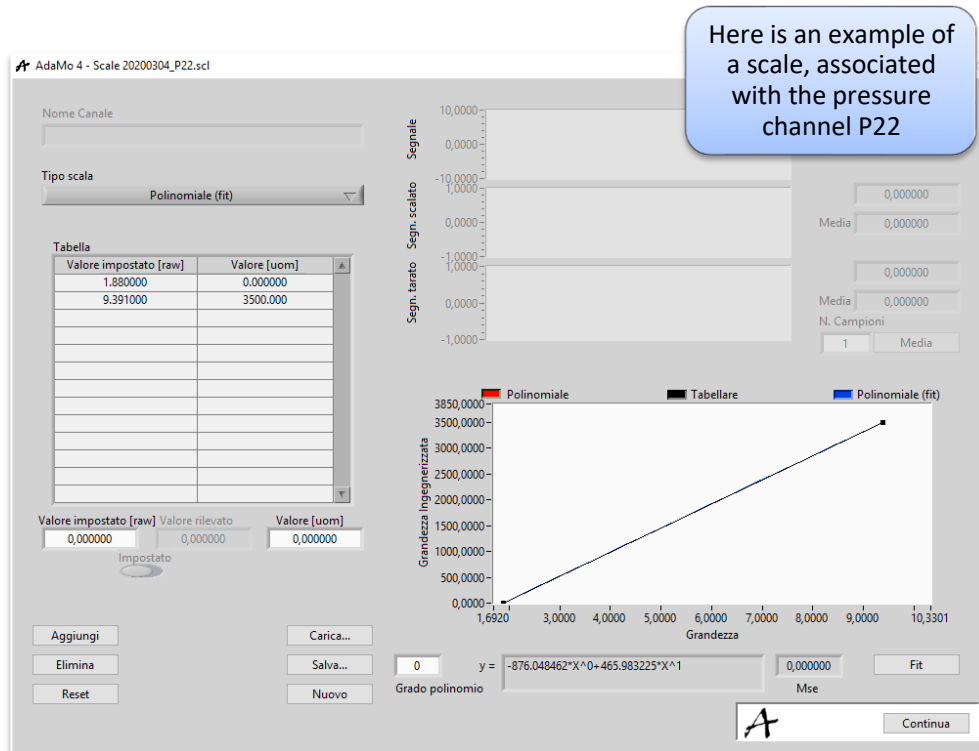
Each of these scales converts a "raw" quantity (eg voltage) into "engineered" quantities (temperature, pressure, etc ...).

The scale details of each physical channel associated with the Gantner E-Gate can be retrieved via *test.commander*



You can then perform a reset of the values of the same scales, in order to move the logic in AdaMo.

Here is an example of a scale, associated with the pressure channel P22



Valore impostato [raw]	Valore [uom]
1.880000	0.000000
9.391000	3500.000

Valore impostato [raw]: 0,000000    Valore rilevato: 0,000000    Valore [uom]: 0,000000  
 Impostato

Polinomia:  $y = -876.048462 * X^0 + 465.983225 * X^1$   
 Grado polinomio: 0    Mse: 0,000000

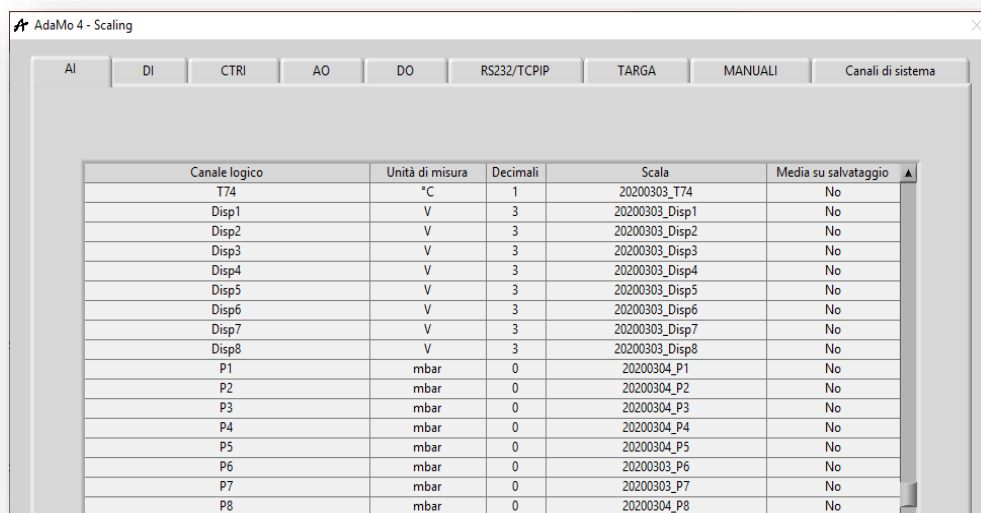
Each Gantner channel corresponds to a RealTime channel in AdaMo, in compliance with the nomenclature applied to the channels previously managed by the E-Gate.

Each of these RealTime channels is associated with a logical channel, defined by the following three values:

number of decimal digits

units of measure

scale



Canale logico	Unità di misura	Decimali	Scala	Media su salvataggio
T74	°C	1	20200303_T74	No
Disp1	V	3	20200303_Disp1	No
Disp2	V	3	20200303_Disp2	No
Disp3	V	3	20200303_Disp3	No
Disp4	V	3	20200303_Disp4	No
Disp5	V	3	20200303_Disp5	No
Disp6	V	3	20200303_Disp6	No
Disp7	V	3	20200303_Disp7	No
Disp8	V	3	20200303_Disp8	No
P1	mbar	0	20200304_P1	No
P2	mbar	0	20200304_P2	No
P3	mbar	0	20200304_P3	No
P4	mbar	0	20200304_P4	No
P5	mbar	0	20200304_P5	No
P6	mbar	0	20200303_P6	No
P7	mbar	0	20200303_P7	No
P8	mbar	0	20200304_P8	No

**BENEFITS**

greater readability of the sensor scales, which can be used directly through the AdaMo interface

greater accessibility when reading the characteristics of the sensors and their calibration