Application of IR Thermography for Automotive Related Industry

Measurement of Aluminum die cast mold surface

- Capture thermal image of Aluminum die cast before and after mold releasing agent.
- It gives you variable data to set parameter.

[Merit of using thermography]
- Thermocouple imbedded in mold give you only limited point temperature.
  ⇒ Thermography allows you to measure all surface points as temperature distribution.
Resin Molding

Mold of resin molding is metal and mirror like, which is difficult to measure by thermography.
⇒By measuring surface temperature distribution of molding, mold temperature can be estimated which is reflected to the mold temperature for improvement.