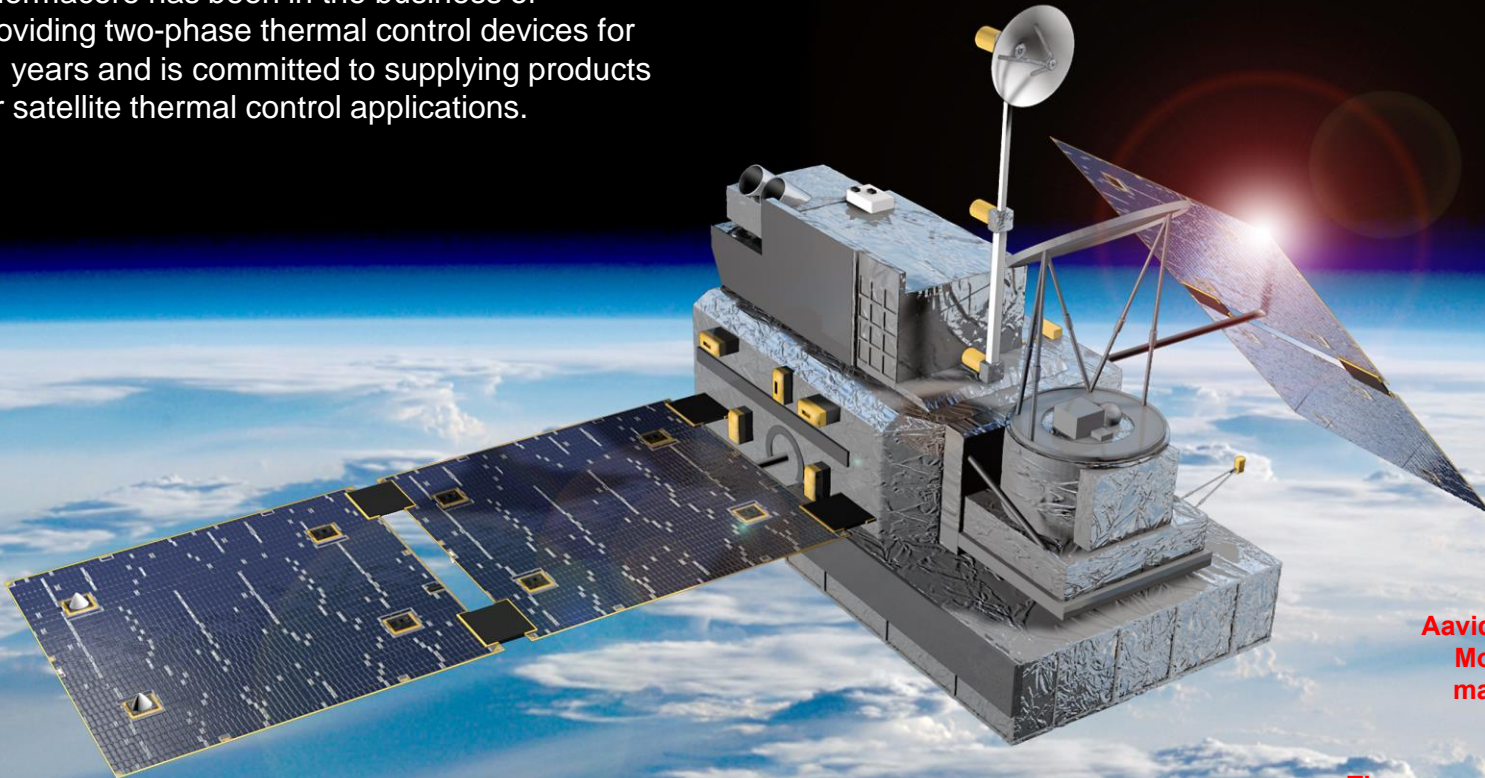


# Satellite Thermal Control



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Thermacore has been in the business of providing two-phase thermal control devices for 41 years and is committed to supplying products for satellite thermal control applications.



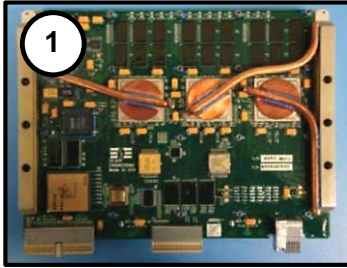
**Mark Small**  
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Thermacore products that support the satellite industry include: CCHPs and VCHPs, loop heat pipes, thermal straps and k-Core® Annealed Pyrolytic Graphite (AGP) products embedded in aluminum



# Thermal Control Payload Products



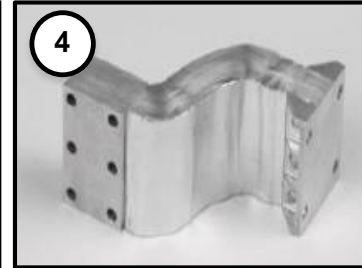
Copper-Water  
Heat Pipes



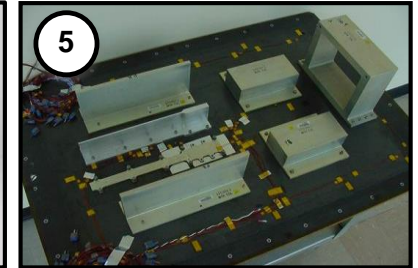
k-Core®



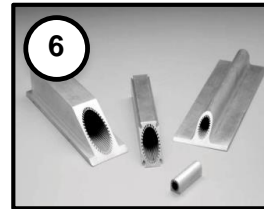
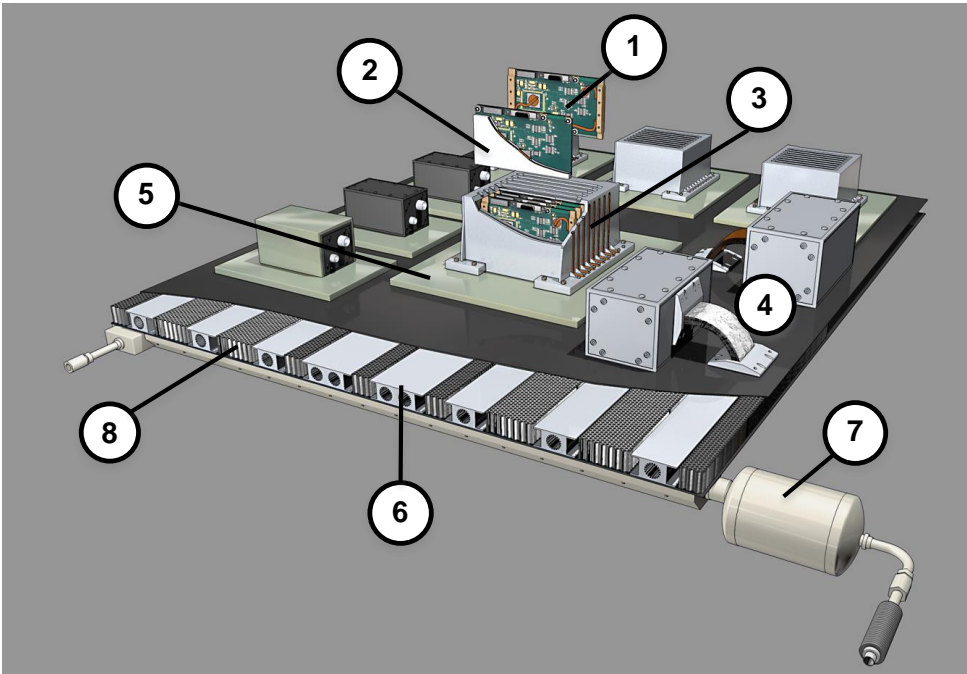
Electronics  
Chassis



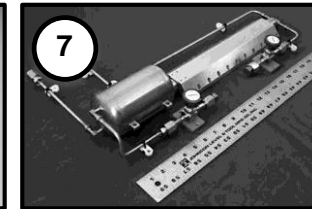
Thermal Straps  
**External Thermal Bus Structure  
Elements**



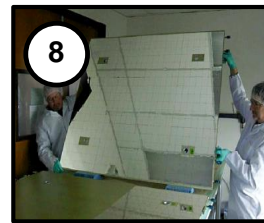
k-Core® Doublor



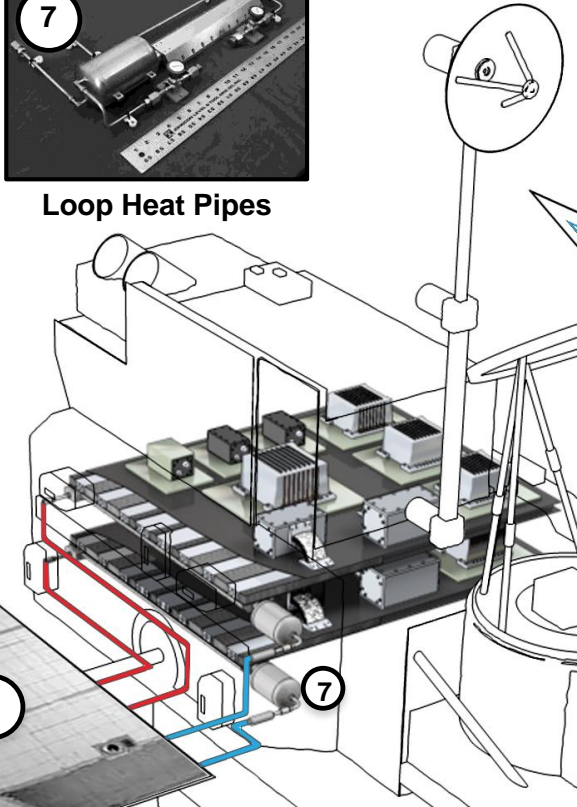
CCHP's



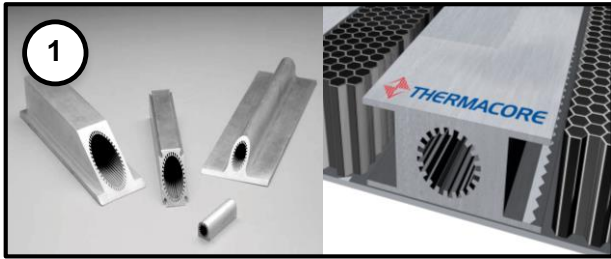
Loop Heat Pipes



Honeycomb Panel



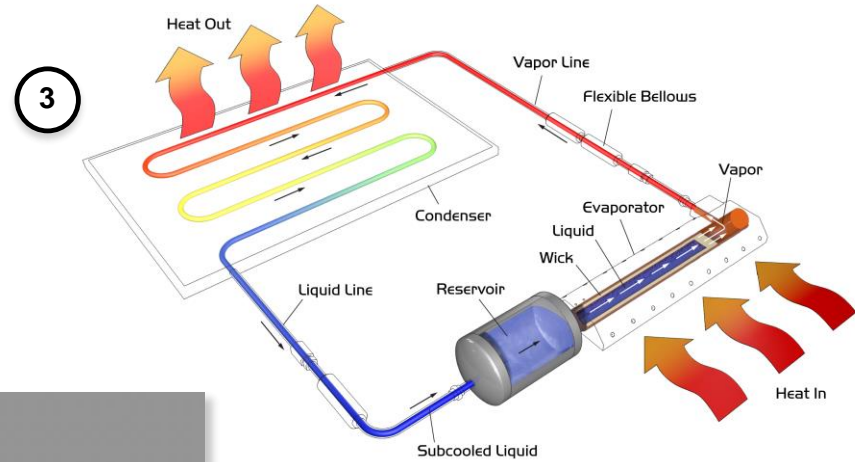
# Thermal Bus Structure Elements



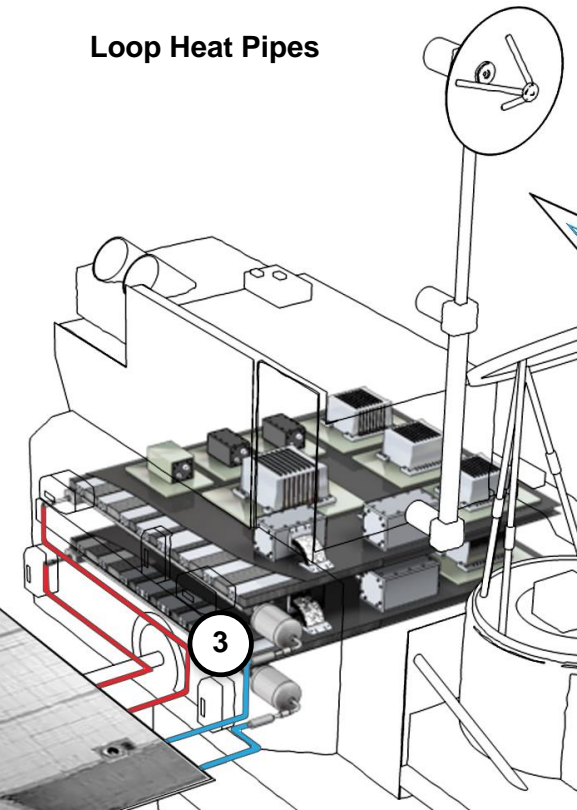
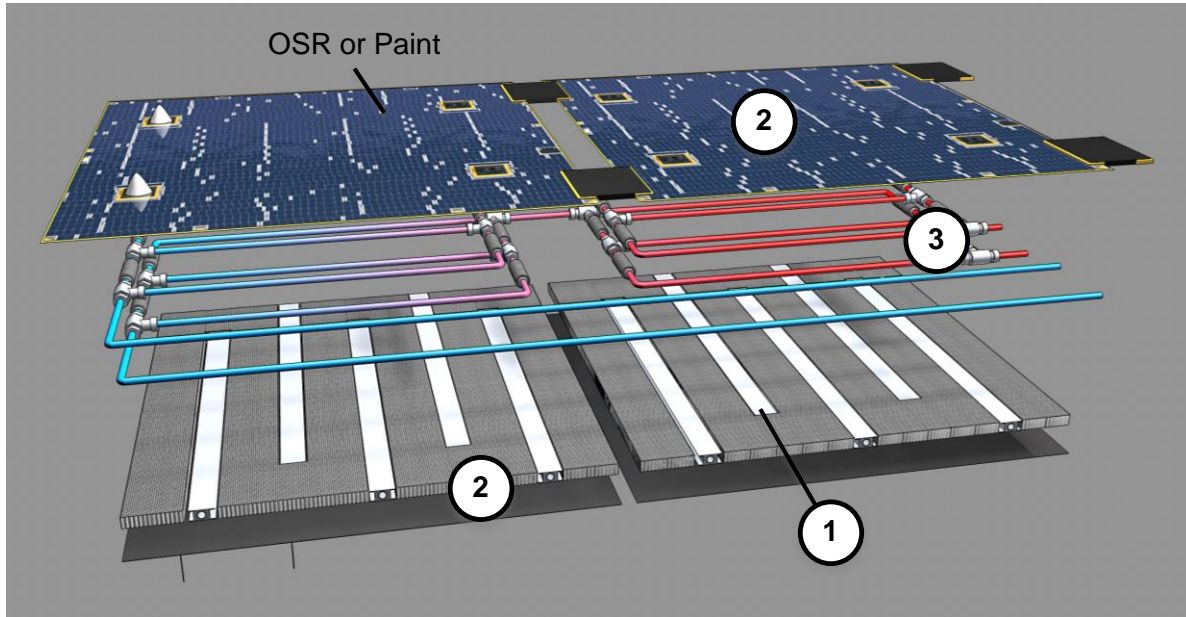
CCHP's



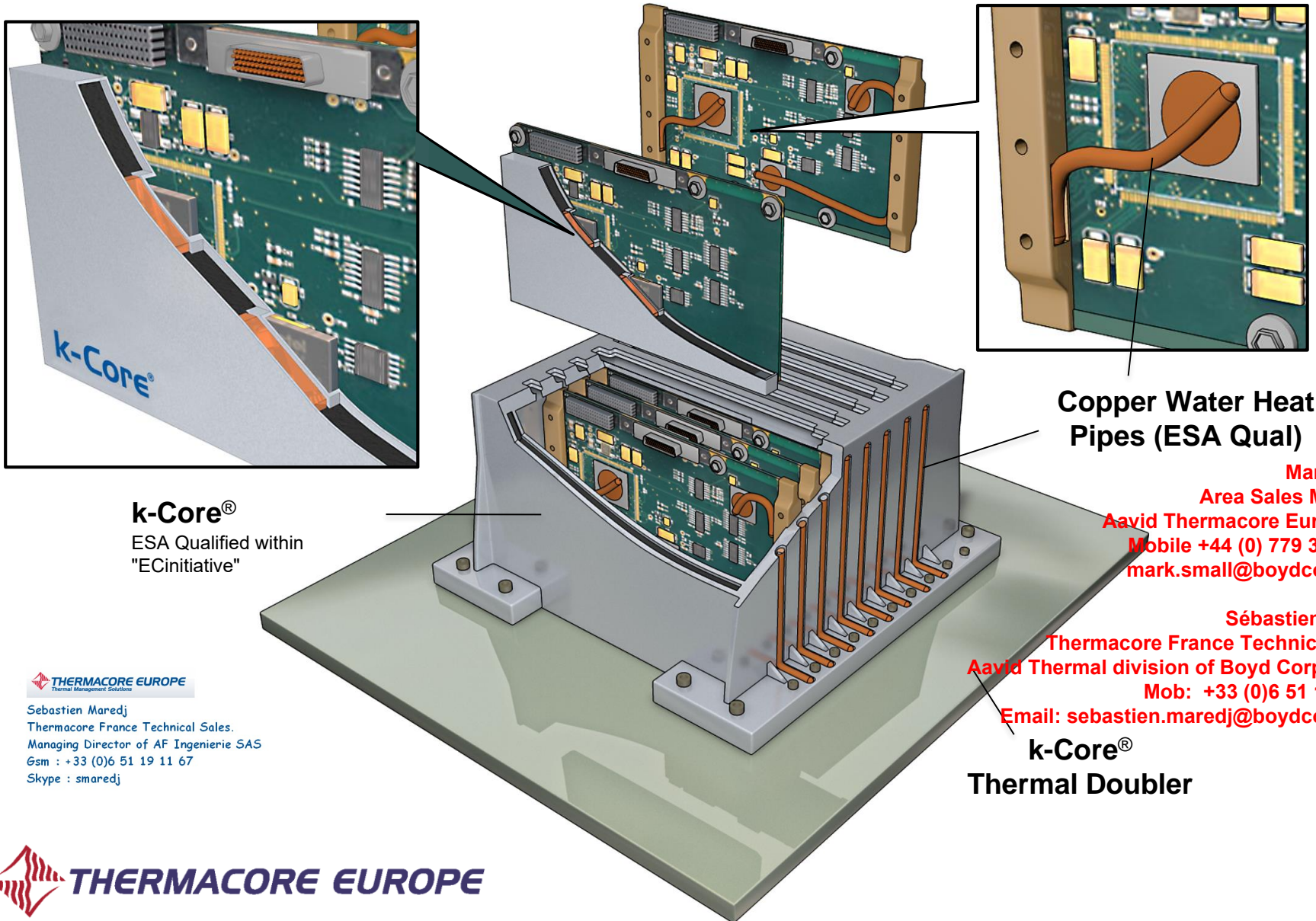
Honeycomb Panel



Loop Heat Pipes



# Payload Electronics Chassis Details



**k-Core®**  
ESA Qualified within  
"ECinitiative"

**Copper Water Heat  
Pipes (ESA Qual)**

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**k-Core®**  
**Thermal Doubler**



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