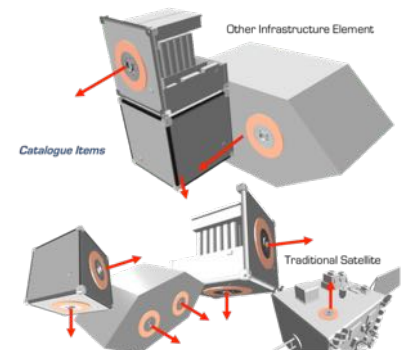
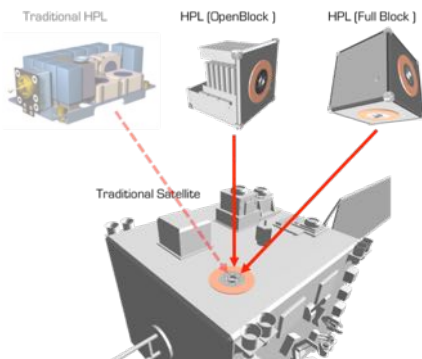


iSSI (Baseline)

Data Sheet P1

iSSI - intelligent Space System Interface THE Space PnP Solution for Tomorrow



Applications

- Configuration + Re-Configuration
- Multi-Connection
- Coupling + De-Coupling
- Extension + Servicing
- Re-Purposing
- Robotic End-Effector

Products + Solutions

- Lab Models
- Flight Models
- Scaled Versions
- Functionality Options
- Series Manufacturing
- In-Orbit Demonstration 2020

Innovation in Technology + Business

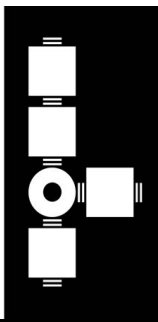


Partnership of Industry Player + Startup



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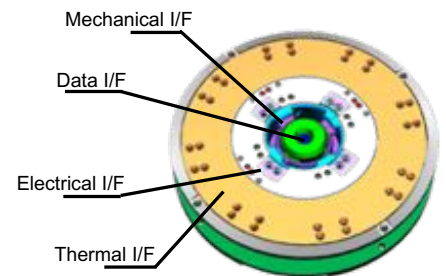
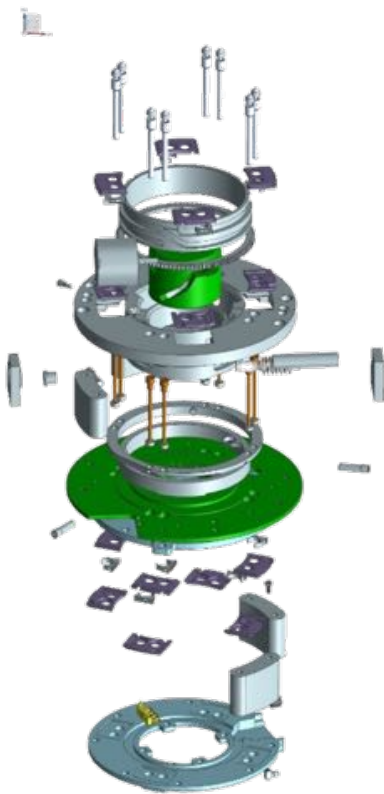




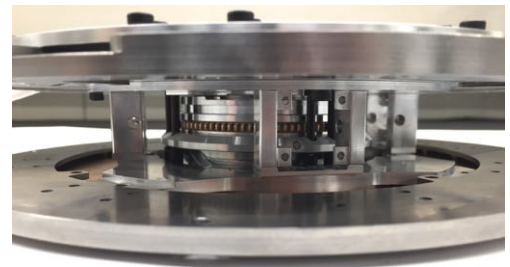
iSSI (Baseline)

Data Sheet P2

Multi-Functional 4-in-1 Fail-Safe System Mechanical + Power + Data + Thermal



iSSI Electronics (Picture Source TU Berlin)



Specifications

- **Design**
 - Androgynous + 90° Rotatable + Fail-Safe
- **Mass**
 - 4-in-1 2.50kg
 - 3-in-1, w/o Thermal 0.90kg
 - 2-in-1, Mechanical + Power Only 0.85kg
 - Electronics (Stack) 0.35kg
- **Geometry**
 - 220mm (Diameter) + 48mm (Thickness)
- **Power Consumption**
 - 15W (Motor) + 5W (Electronics)
- **Transfer Rates**
 - Power 25A@100V
 - Data 800-1,000 Mbps
 - Heat 5W/K (4-in-1)
- **Loads**
 - Axial 300N (Coupling) + 6,000N (max.)
 - Lateral 90-300N (min.)
 - Torque 87mNm (DC Motor max.)
- **Temperature Range**
 - 233K-343K (operational)

Technology Developed by



International Patent

- # WO//2015/150338



Manufactured by

