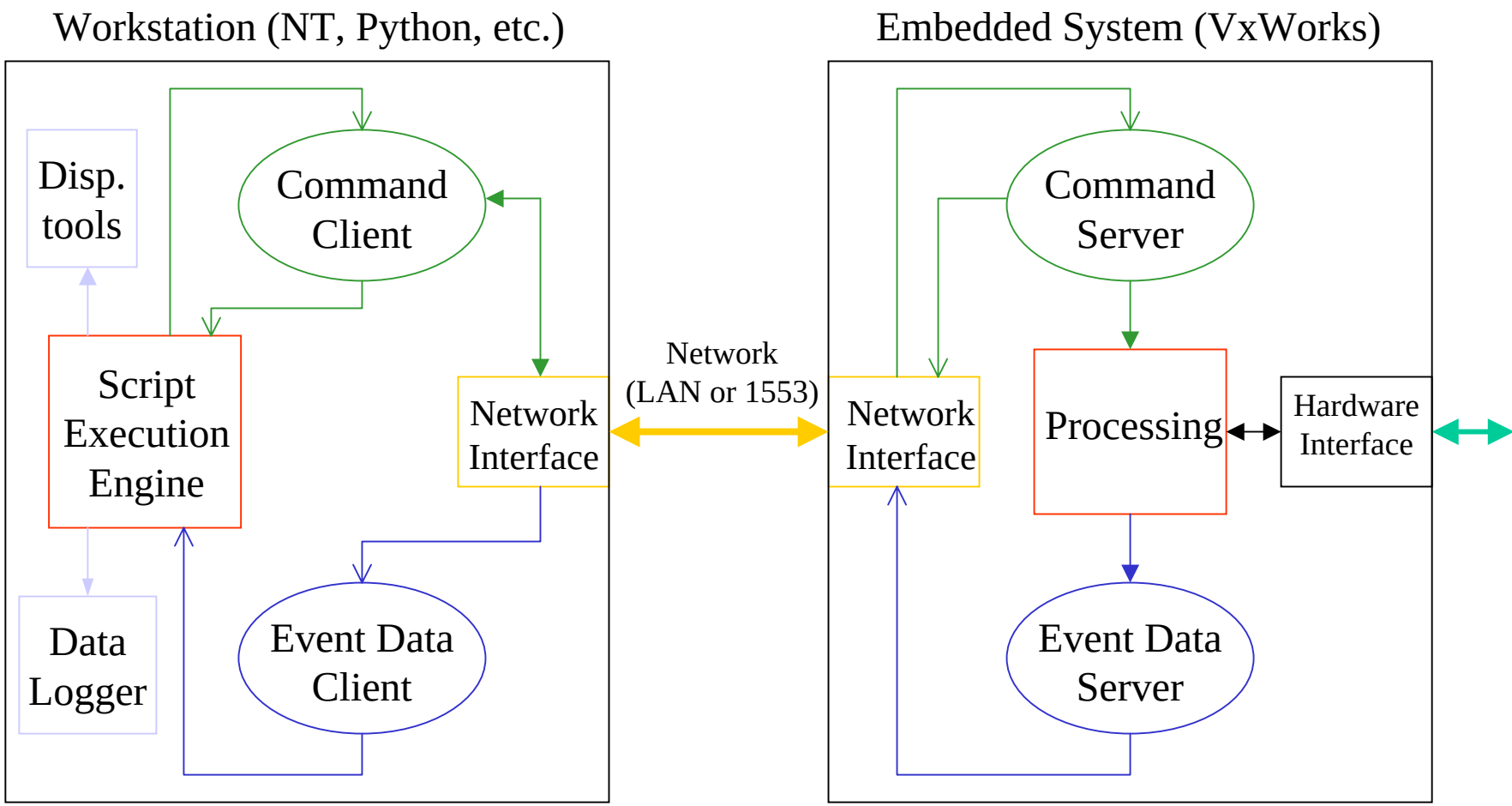
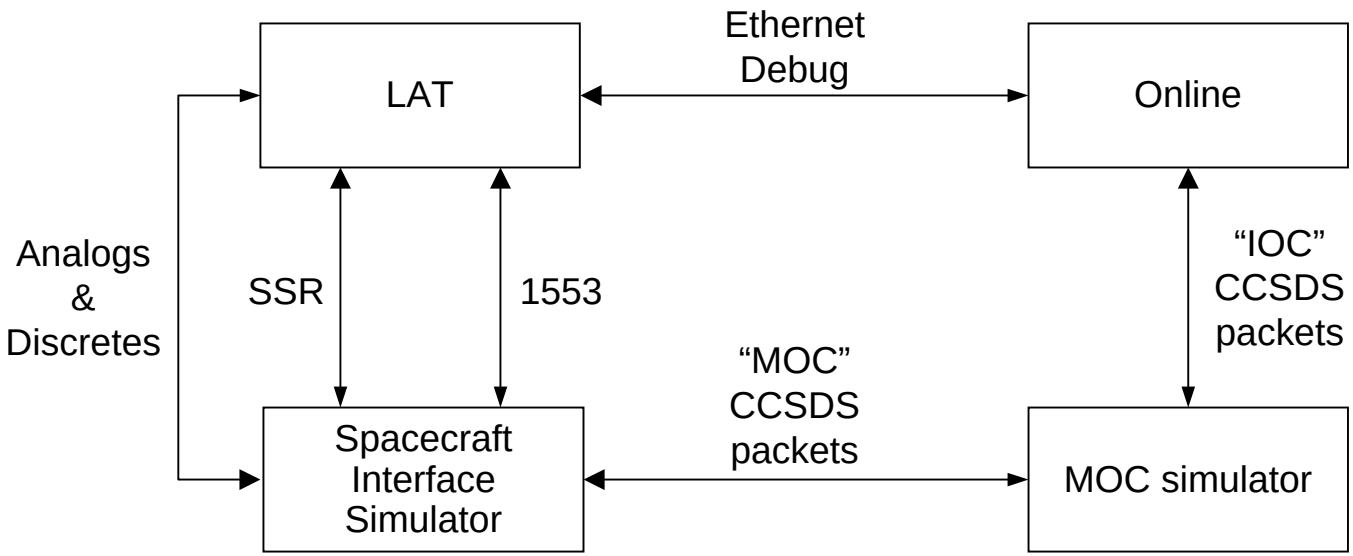
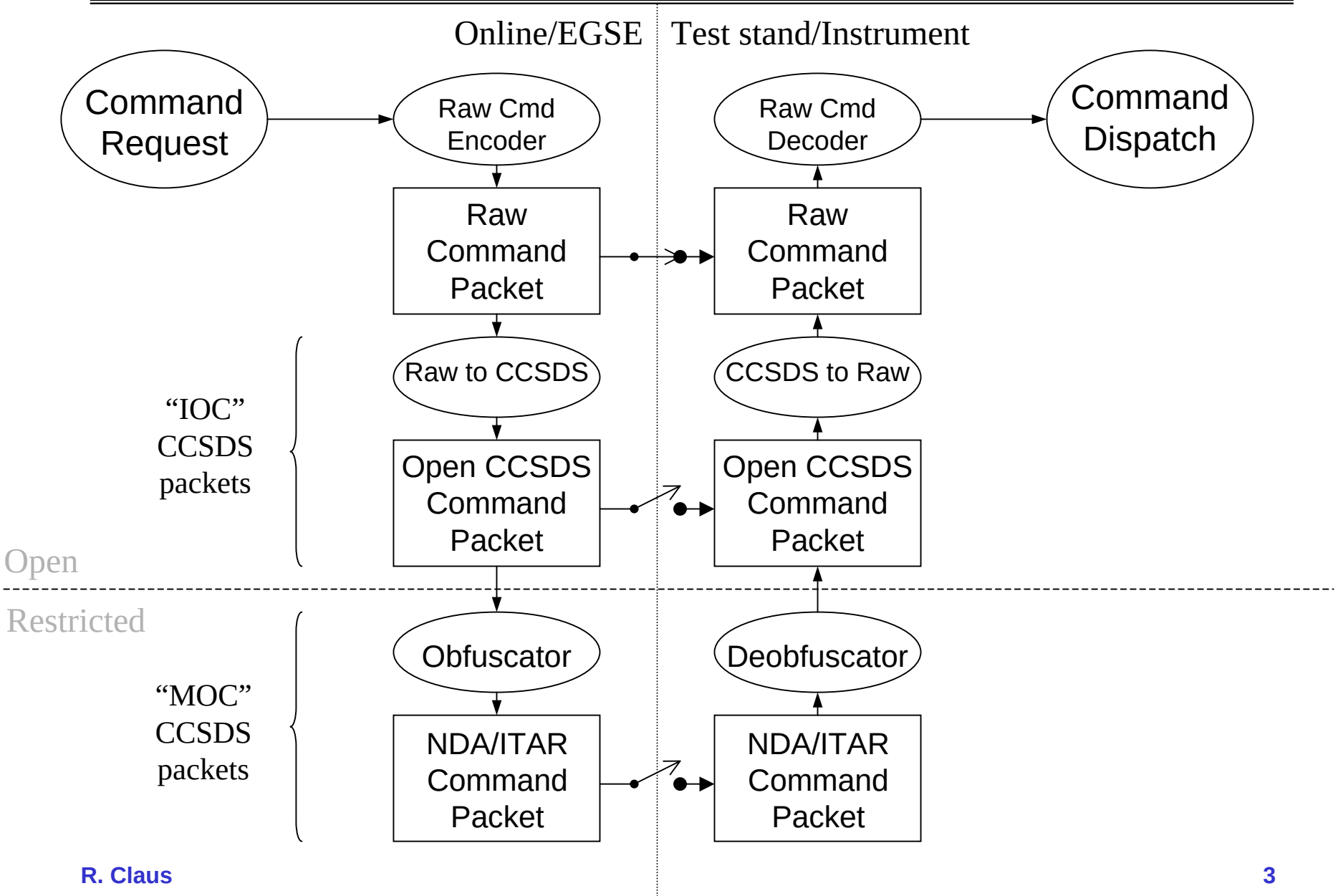
Software block diagram



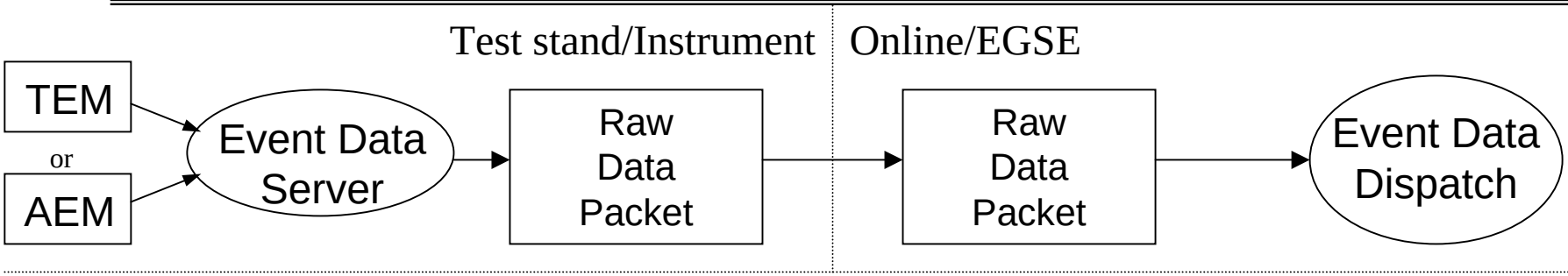
System Block diagram



Command Model

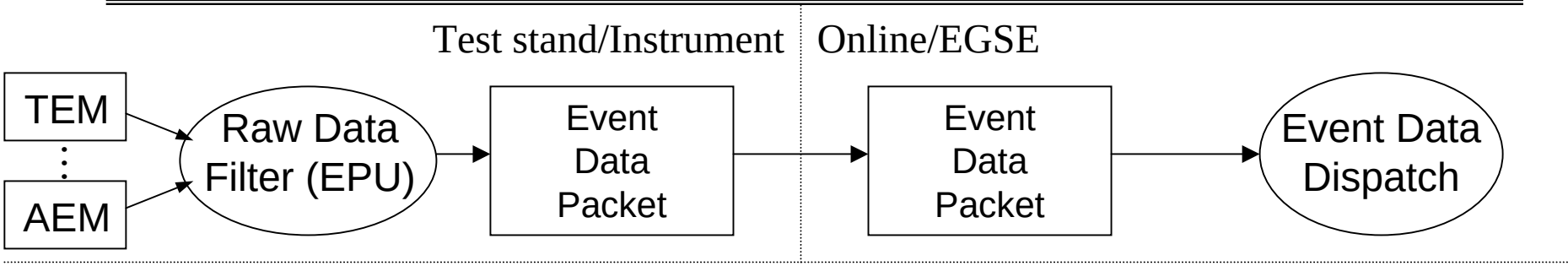


Telemetry Model (1)



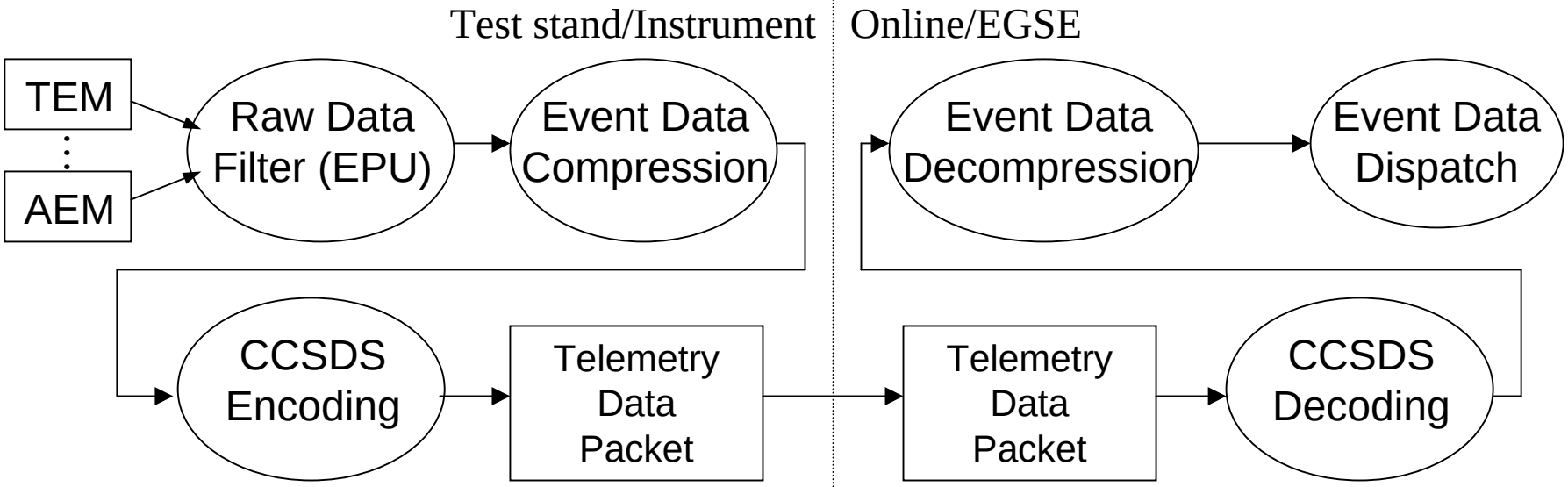
- **This is the current situation**
- **Only one TEM or AEM allowed in the system at a time**
- **The raw data packet is currently *contribution* oriented**
  - **Needs to become *event* oriented**
  - **Event data iterators will change somewhat**
  - **Will do this soon**
- **This is likely to be the data format that will be used for the EM test**

Telemetry Model (2)



- **Multiple contributors (TEMs, AEM, GEM, filter statistics, etc.) allowed**
- **Event data will look different than in the EM-1 case**
- **Is this a useful scenario?**

Telemetry Model (3)



- **Multiple contributors (TEMs, AEM, GEM , filter statistics, etc.) allowed**
- **Development for EM-2**
- **Will also be used for the CU beam test**