

BD Seminar

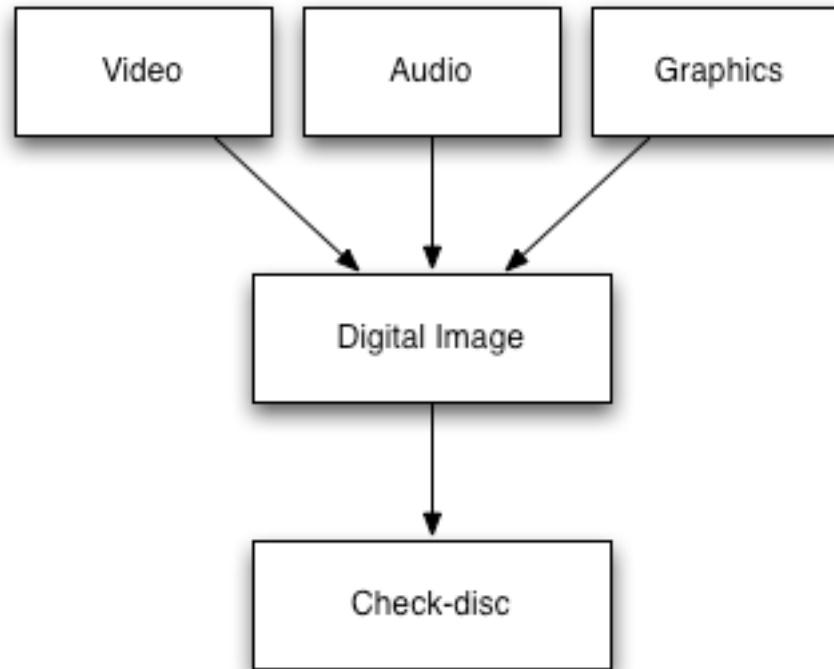
Quality Assurance throughout the Supply Chain

Agenda

- Introduction
- DVD / Simple BD Supply Chain
- Advanced BD Supply Chain
- BD-ROM Certification

DVD / Simple BD Supply Chain

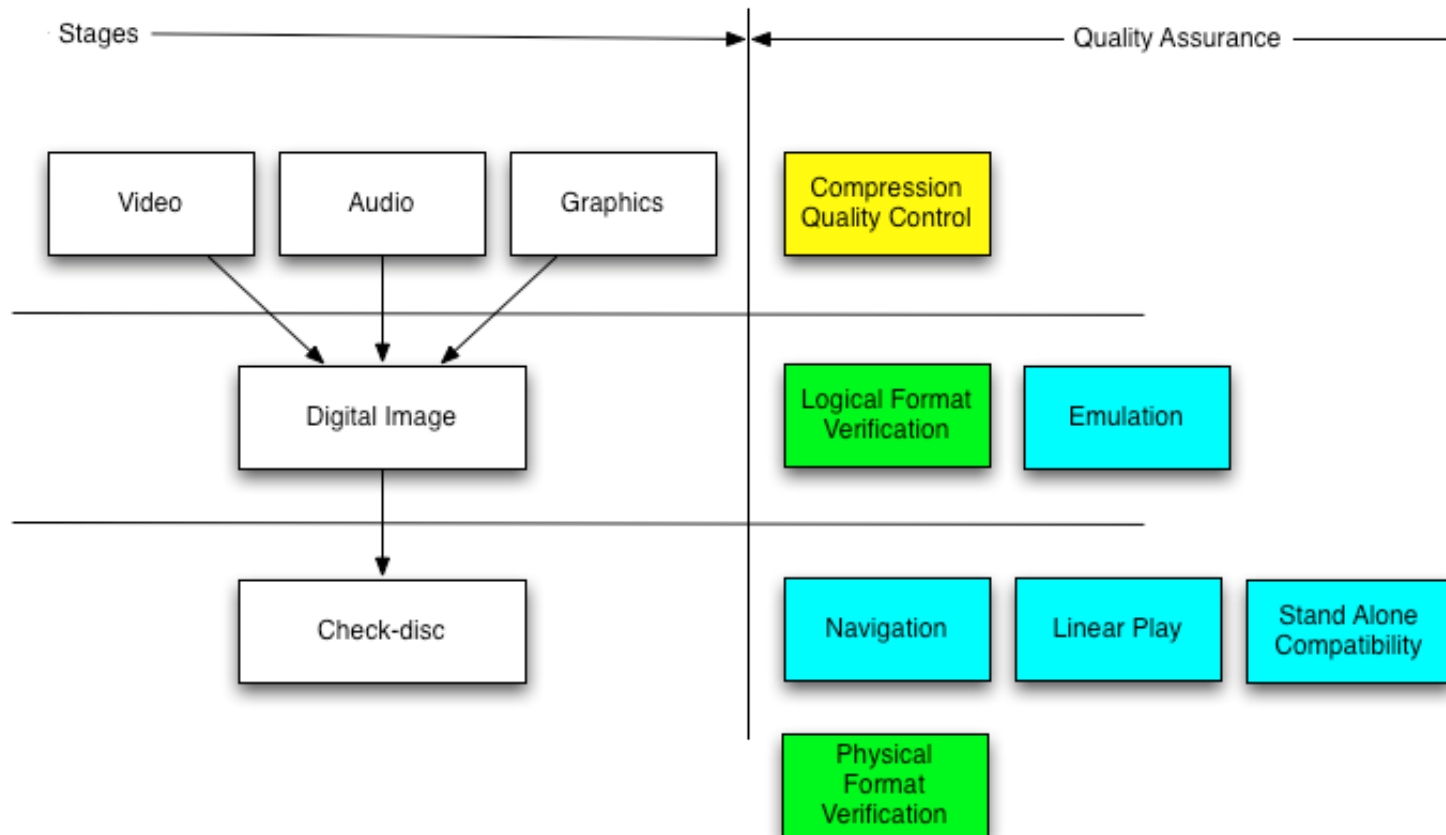
- Relative straight forward way of working



SD / Simple BD Environment



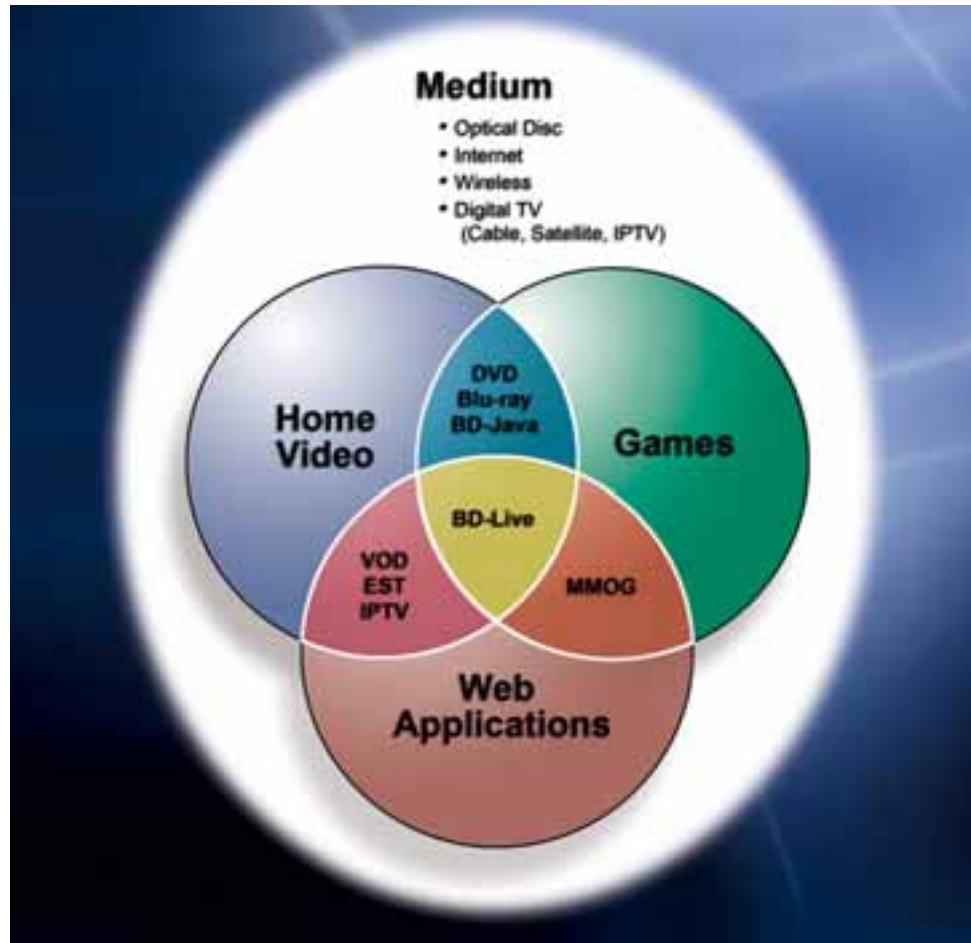
QA DVD / Simple BD Supply Chain



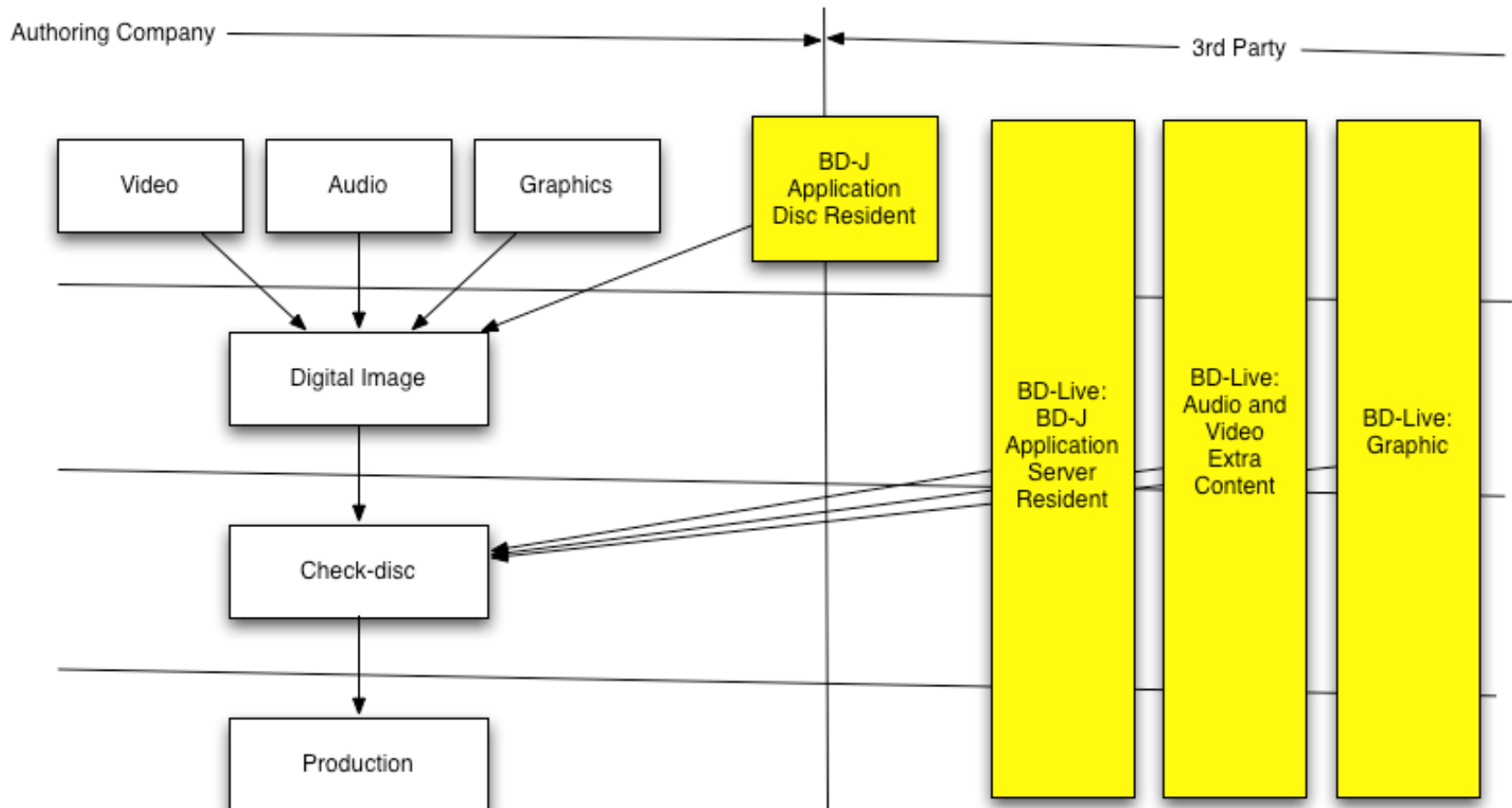
QA DVD / Simple BD Supply Chain

- Testing can follow the deliverables of the supply chain (digital assets to manufacturing)
- Serial way of working
- Acceptance testing

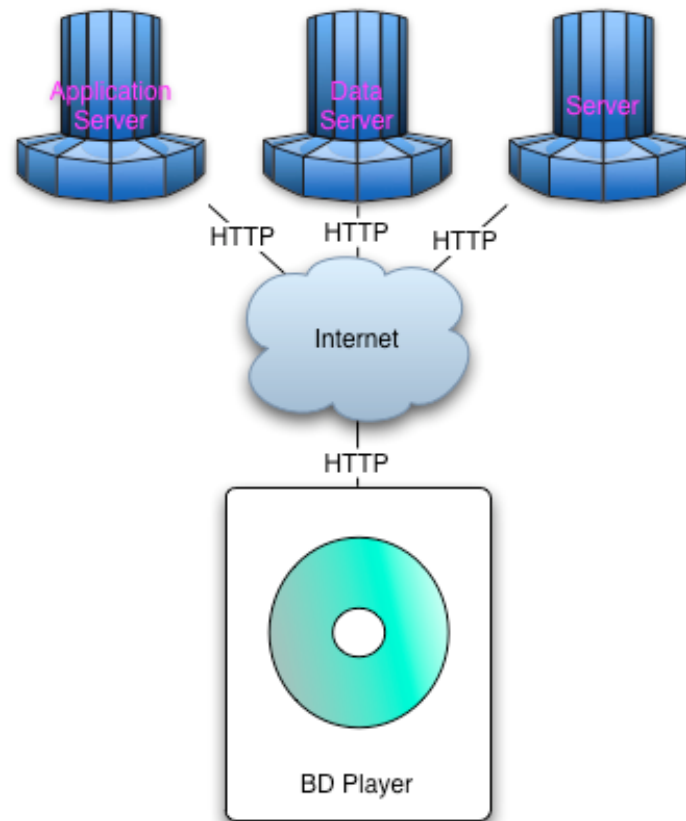
Convergence



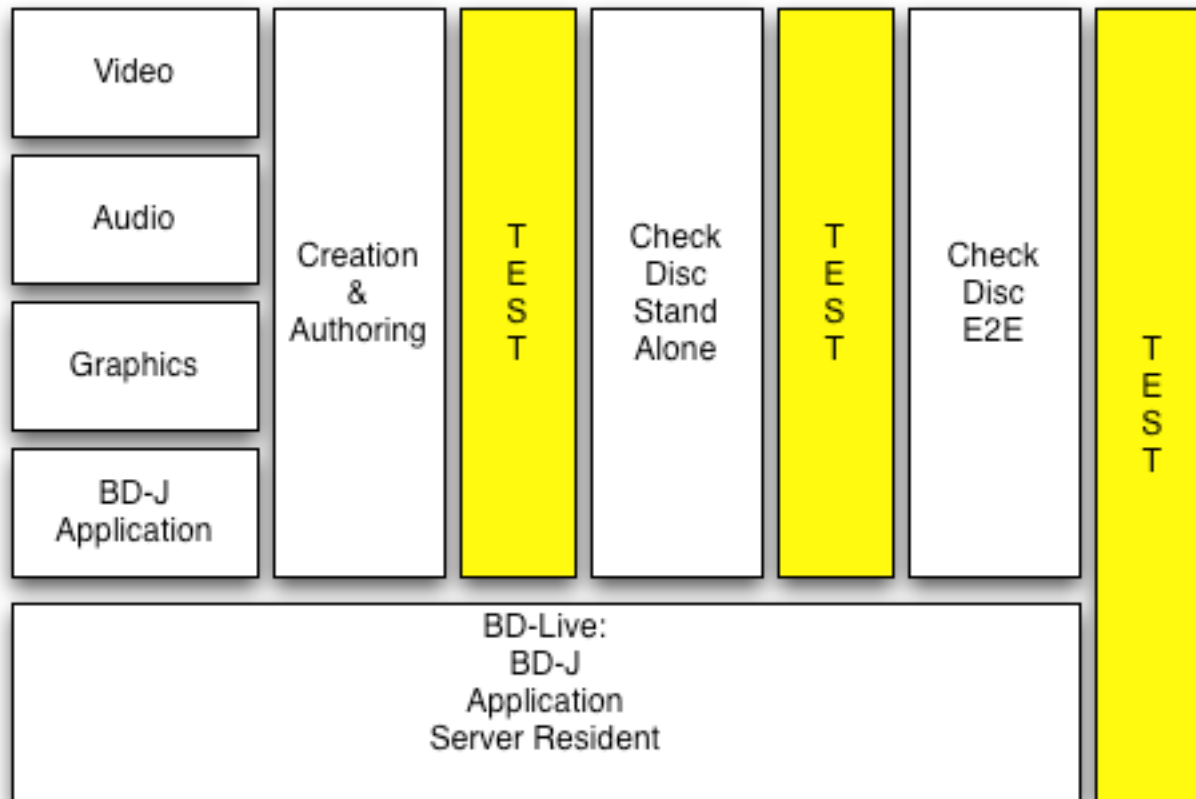
BD Supply Chain



BD Environment



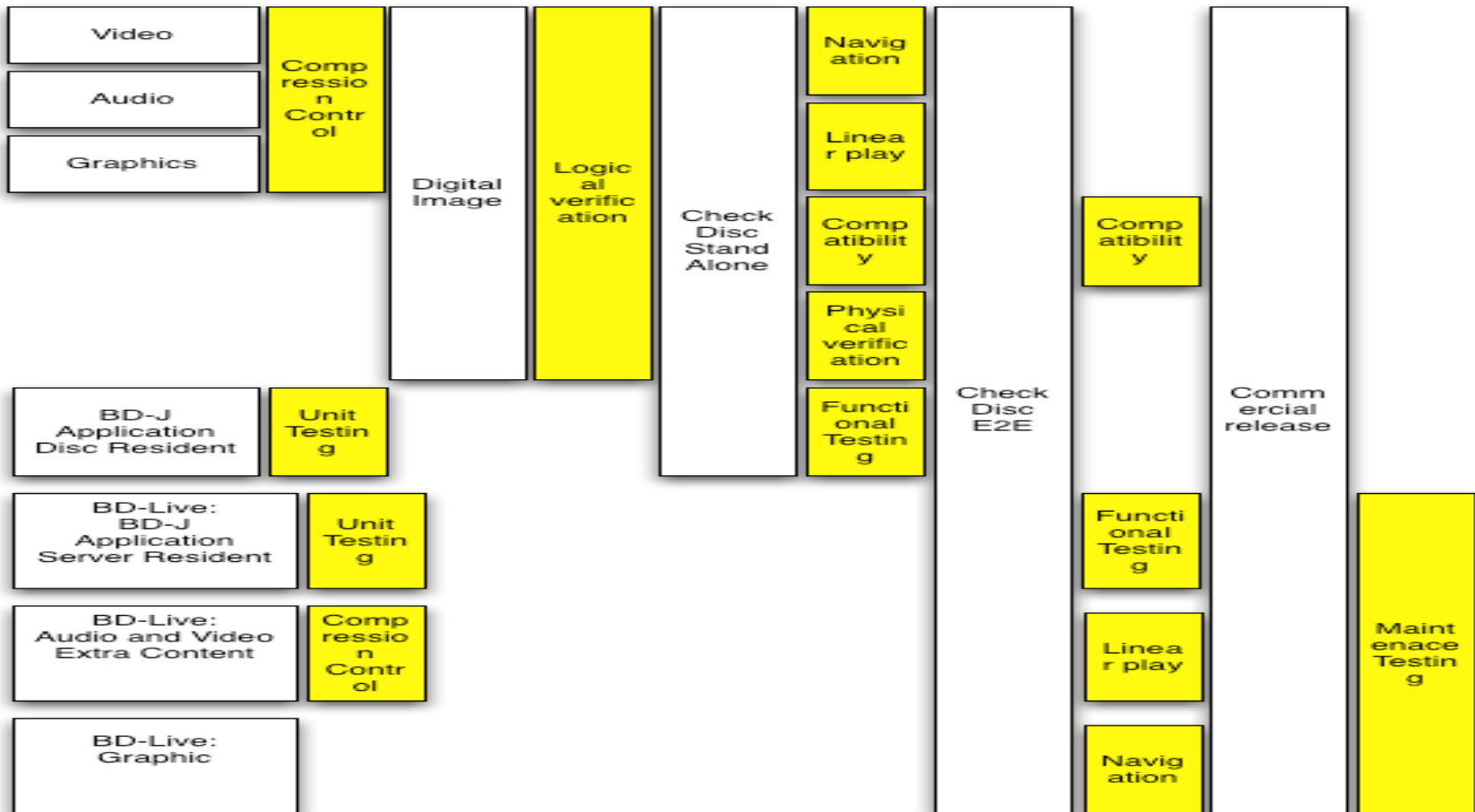
Present situation



Present situation

- Way of working for DVD/simple BD is used
- Serial way of working
- Missing coverage
 - Example: cheat codes
- More time needed to test and less coverage

QA BD Supply Chain



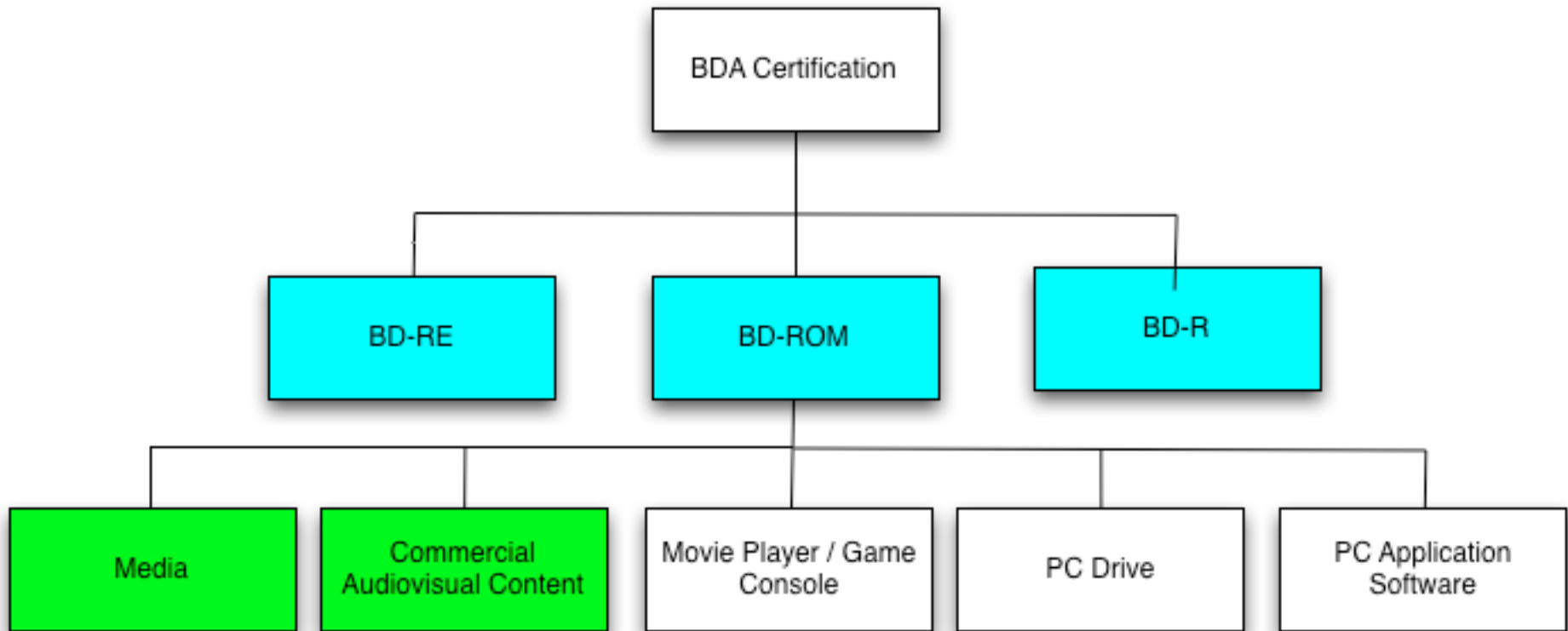
QA in BD Supply Chain

- Testing done in parallel
- BD-J applications needs to be tested as a unit
 - BD-J games
- Testing needs to be done from Unit to E2E
 - Menu: Weather in Sleeping Beauty
 - BD-Live: Chat, Games
- Testing needs to be organized as a complex project

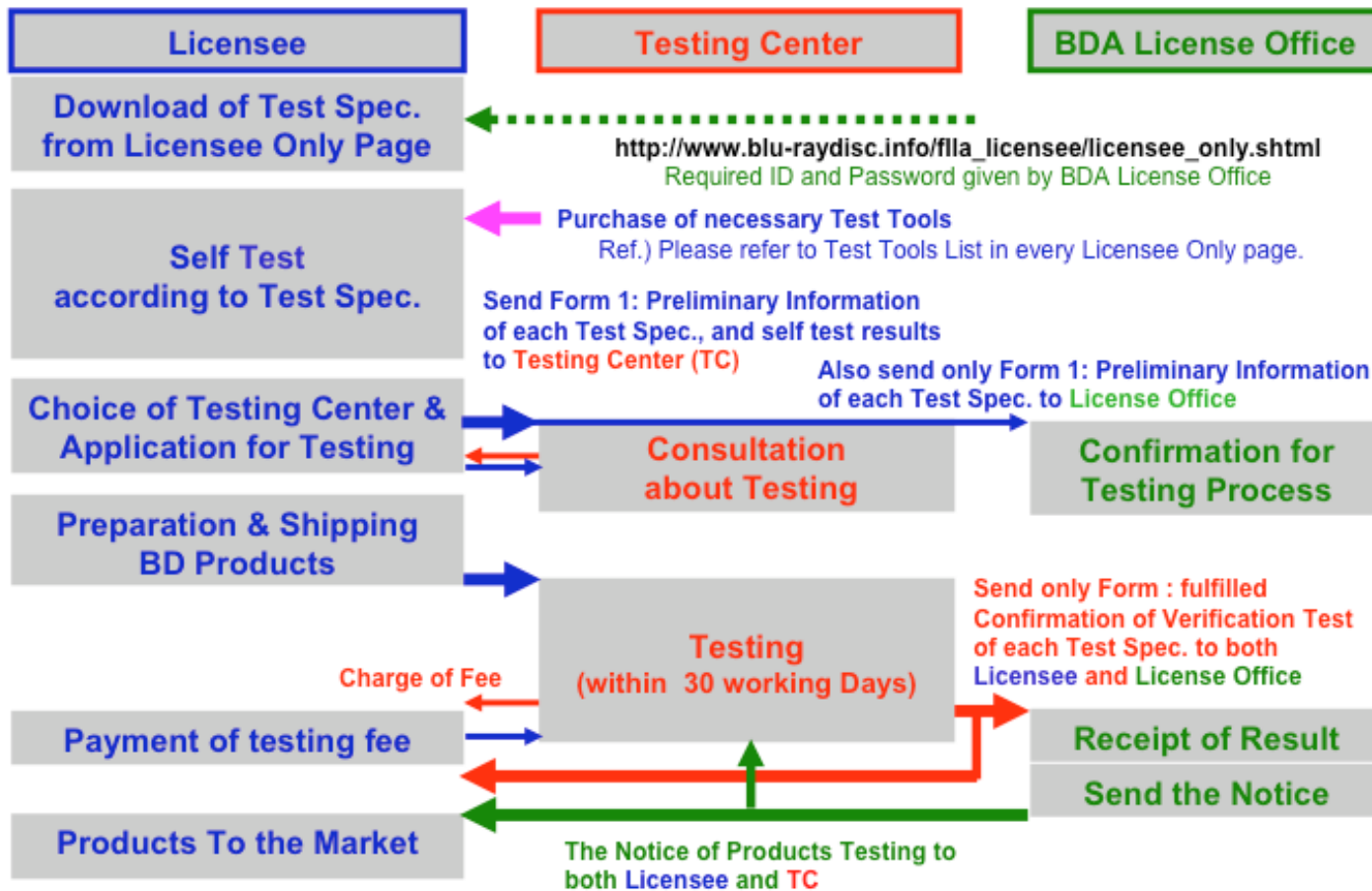
What is different?

- Testing is an integral part of the development cycle of a BD title
- The environment is, standalone and End to End
- Testing doesn't stop when the title is released

BDA certifications



BDA Certification Process



BD-ROM Commercial Audiovisual Content Verifiers

- Mitsubishi
- Panasonic
- Sony

BD-ROM Testing Centers

- Commercial Audiovisual Content Verification
 - Panasonic Corporation (Japan)
 - Sony Corporation (Japan)
 - TCS BD Testing Center (USA)
 - JVC BD Testing Center (Japan)
- Media
 - Pioneer Corporation (Japan)
 - Sony Corporation (Japan)
 - JVC BD Testing Center (Japan)
 - AudioDev AB Publ (Sweden)
 - Almedio Inc (Japan)

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