

Group 4: Current System Maintenance

Maintenance: existing module, correct bugs, maintain functionality, business goals, tool upgrades, no new module or redesign.

Criteria

B=Benefit *C=Cost*

- B Usage.
- C Support/training.
- C Where is it in the redesign schedule?
- B Are there alternatives/workarounds? Is there another way to meet the business goal?
- C Is it mandatory?
- C Resource cost.
- C Cost dollars.
- C Cost of lost opportunity.
- B Image.
- B What is the impact? What are the benefits?
- B What value do we place on business-process redesign/reengineering?
- B Is it reusable? Is it cross-cutting?

Client-Server

Recommendation: We hold client-server maintenance to a 5 percent goal of the overall funds for software development. Flexibility is an option realizing not meeting this goal will take away from new development.

1. Work new requirements for enhancements, bug fixes
2. All bug fixes, limited enhancements, policy requirements.
 - GUM
 - iEdison
 - Peer Review
 - Person Module
 - RR
3. Critical bug fixes only.
 - CM
 - GM
 - Grants Payment Management
 - ICO
 - Pop Tracking (if migrated to Commons)
 - System infrastructure utilities (API, batch jobs, bridges, common mailer, etc.)
 - Trainee Appointments
 - IRDB

4. No maintenance--phased retirement

- CRISP on the Web (depending on the IRDB redesign)
- CRISP Plus (dependent on Subprojects)
- Grant Folder (depending on migration)
- ICSTORE
- IQR
- QuickView
- SITS
- Subprojects (with redesign within 10 months)
- User Admin (OPDIVs and A76 may require changes but were not costed in)
- X-Train

J2EE (maintenance on deployed functionality)

Note: These recommendations are based on maintenance between major version releases.

Recommendation: We hold J2EE maintenance to 15 percent of the overall funds for software development dependent upon how we define version control.

Assumption: Independent components can be released if they don't impact the overall enterprise system.

1. Work on new requirements for enhancements, bug fixes.

2. All bug fixes, limited enhancements, policy requirements.

- CGAP
- CGAP—RR
- Checklist
- CM Web
- Commons Status
- Grant Folder
- IC Admin Module
- iEdison
- PGM
- PPF
- Web QT
- IAR

3. Critical bug fixes only.

- Account maintenance
- eSNAP
- FSR
- Grants Closeout
- Institution registration
- IPF

4. No maintenance