

MODEL FOR “BOLT-ON” MODULE DEVELOPMENT

FACTORS		MODULE CATEGORY				
		LOCAL INDEPENDANT	LOCAL COORDINATED	LEVERAGED	STANDARDIZED	CORE
	AJIN security compliance (See AJIN Security Manual; required for all)	Yes	Yes	Yes	Yes	Yes
	Architecture (hardware and software, development language and tools, operational environment; any programming or technical standards adopted by development group)	Local tools and standards	Local tools and standards	Constructed or tightly coupled with AOC adopted tools and standards	Constructed or tightly coupled with AOC adopted tools and standards	Constructed with AOC adopted tools and standards
	Core program screen or code changes	No	No	No – but AOC may make and support minor changes to core image/code to provide for module	Yes – AOC will make and support some changes to provide for module.	Yes

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	Change management coordination (coordinating new releases of standard software image; coordinated testing and implementation planning)	No	No	Yes, with good faith effort to provide reasonable notice and implementation planning.	Yes and AOC participates in new release testing.	Yes
	Database changes (new tables or columns)	No	No	No – but AOC may change core DB to provide for module	Yes – AOC will make and support some changes to provide for module	Yes
	Help Desk (the 800 support desk)	Local	Local	Level 1(take report and forward problem to local) to AOC	Full AOC support	Yes
	Interface/version protection (the interface between module and standard software will not be broken)	No	No	Coordinated	Yes	Yes
	Maintenance of the module	Local	Local	Appointed custodian among participants	Appointed custodian with AOC support.	AOC
	Module (source code) owner – as “official version” source and version control	Local	Local	Selected custodian among participants	AOC	AOC
	Module (source code) repository	Local	Local (AOC optional)	Selected custodian and AOC	AOC	AOC

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	Operational support (use of AOC technical staff for h/w or s/w support during operation of module)	No	No	Limited (e.g. troubleshooting, interface support)	Yes	Yes
	Part of standard desktop image/standard software installation	No	No	No	Candidate	Yes
	Sharable	No; will not be distributed to others	No; will not be distributed to others.	Yes, with participant coordination; must be approved by AOC/COT	Yes	Yes
	System Documentation	Local option	Local option	AOC as repository; Custodian maintains	AOC maintains	AOC maintains
	Technical support (documentation and resources during development; h/w or s/w help; e.g. configuring servers, installing software)	No	Limited to coordination; limited development support	Yes for development	Yes	Yes
	Testing (of module, of interface and network/system impacts)	Local	Local	Participant tested	AOC participation	AOC with local participation

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	Training (includes user and technical support training and documentation)	Local	Local	Participant training	Participant training with limited AOC involvement; AOC as repository for documentation.	AOC documents and performs as primarily field trainer training
	Updates to core database (add, replace, delete of data in existing data structures)	No	With AOC approval	With AOC approval	Yes	Yes
	User and training documentation	Local option	Local option	AOC as repository; Custodian maintains	AOC maintains	AOC maintains