

**CENTER FOR INTEGRATED FACILITY ENGINEERING, STANFORD UNIVERSITY**  
**Potential Benefits of Internet-Based Project Control Systems –**  
**A Study On Monthly Progress Billings Processing - Appendix A**  
**By Alex Barrón, Martin Fischer**

CIFE Technical Report #127A  
 March, 2001  
**G6 Manage Progress Billings**

IDEF0	Action	Document	Information	Source	Data For
<b>G61 Process Monthly Sub Billing</b>					
<b>G611 Receive Monthly Sub Billing</b>					
<b>G6111 Open Envelope or Receive Fax</b>					
G61111	Open	<a href="#">Sub Billing Envelope</a>			Documen
G61112	Determine	Sub Billing	Sub Company Name	S6151121	Text
G61113	Determine	Sub Billing	Sub Invoice Title	S6123122	Text
G6112	Enter	Sub Billing	Date Sub Billing Received	AUTO!	Date
<b>G612 Review Monthly Sub Billing</b>					
G6121	Review	<a href="#">Sub Billing</a>			Documen
G6122	Approve	<a href="#">Sub Billing</a>			Documen
<b>G613 Archive Sub Billing (Temporarily until processed)</b>					
<b>G6131 Retrieve Monthly Sub Billing Folder</b>					
G61311	Open	<a href="#">File Cabinet</a>			Drive
G61312	Find	<a href="#">Monthly Sub Billing Folder</a>			Folder
G61313	Select	<a href="#">Monthly Sub Billing Folder</a>			Folder
G61314	Open	<a href="#">Monthly Sub Billing Folder</a>			Documen
<b>G6132 File Monthly Sub Billing in Folder</b>					
G61321	Determine	Sub Billing	Document Date	S6123123	Date
G61322	Find	Monthly Sub Billing Folder	Month	G61321	Date
G61323	File	Monthly Sub Billing Folder	<a href="#">Sub Billing</a>		Documen
G6133	Save	<a href="#">Monthly Sub Billing Folder</a>			Folder
<b>G6134 Archive Monthly Sub Billing Folder</b>					
G61341	Close	<a href="#">Monthly Sub Billing Folder</a>			Folder
G61342	Close	<a href="#">File Cabinet</a>			Drive
<b>G62 Manage Proposed Monthly Owner SOV</b>					
<b>G621 Calculate Self-Progress - Earned Value</b>					
<b>G6211 Estimate "% Complete" for Self-Performed Work</b>					
<b>G622 Prepare GC Monthly Schedule of Values - AIA G703</b>					
<b>G6221 Create GC Monthly Schedule of Values - AIA G703</b>					
G62211	Instantiate	<a href="#">Monthly O SOV - AIA G703</a>			Documen
<b>G62212 Enter Document Information</b>					
G622121	Enter	Monthly O SOV - AIA G703	Document ID	AUTO!	ID
G622122	Enter	Monthly O SOV - AIA G703	Document Title	AUTO!	Text
G622123	Enter	Monthly O SOV - AIA G703	Document Date	AUTO!	Text
G622124	Enter	Monthly O SOV - AIA G703	Page No.	AUTO!	Number
G622125	Enter	Monthly O SOV - AIA G703	No. Pages	AUTO!	Number
<b>G62213 Enter Payment Period Information</b>					
G622131	Enter	Monthly O SOV - AIA G703	Owner Payment Application N	AUTO!	Number
G622132	Enter	Monthly O SOV - AIA G703	Billing Period - Month, Year	AUTO!	Date
<b>G62214 Enter Project Information</b>					
G622141	Enter	Monthly O SOV - AIA G703	Project Name	G1312	Text
G622142	Enter	Monthly O SOV - AIA G703	GC Project No.	G1313	Number
<b>G6222 Enter Building - Base GC Contract Line Item Information</b>					
G62221	Enter	Monthly O SOV - AIA G703	Building Name	G1322	Text
<b>G62222 Enter Known Information for Line Item</b>					
G622221	Enter	Monthly O SOV - AIA G703	A. - GC SOV Item No.	G221221	Number
G622222	Enter	Monthly O SOV - AIA G703	B. - GC SOV Item Description	G221222	Text
G622223	Enter	Monthly O SOV - AIA G703	C. - Building - Item \$ Value	G221223	\$ Amount
G622224	Enter	Monthly O SOV - AIA G703	Item % Retainage	G13234	%
G622225	Enter	Monthly O SOV - AIA G703	D. - Building - Previous Item	G622241	\$ Amount
<b>G62223 Enter Current Month's Values</b>					
G622231	Enter	Monthly O SOV - AIA G703	F. - Item \$ Value - Materials	G8	\$ Amount
G622232	Enter	Monthly O SOV - AIA G703	G. - % Complete for Line Item	S6121232	%
<b>G62224 Calculate Line Item Derived Values</b>					
G622241	Calculate	Monthly O SOV - AIA G703	G. - Building - Item \$ Amount	=223*231	\$ Amount
G622242	Calculate	Monthly O SOV - AIA G703	E. - Building - Item \$ Amount	=241-225	\$ Amount
G622243	Calculate	Monthly O SOV - AIA G703	H. - Building - Item \$ Balance	=223-241	\$ Amount
G622244	Calculate	Monthly O SOV - AIA G703	I. - Building - Item \$ Amount	=241*224	\$ Amount
<b>G6223 Calculate Building - Base GC Contract Totals</b>					
G62231	Enter	Monthly O SOV - AIA G703	Building Name	G62221	Text
<b>G62232 Enter Previous Month's Building Base Totals</b>					
G622321	Enter	Monthly O SOV - AIA G703	C. Building - Base Contract \$	G22132	\$ Amount
G622322	Enter	Monthly O SOV - AIA G703	D. Building - Base Contract P	G622333	\$ Amount
<b>G62233 Calculate Current Month's Building Base Totals</b>					
G622331	Calculate	Monthly O SOV - AIA G703	E. Building - Base Contract \$	=SUM(242)	\$ Amount
G622332	Calculate	Monthly O SOV - AIA G703	F. Building - Base Contract \$	=SUM(231)	\$ Amount
G622333	Calculate	Monthly O SOV - AIA G703	G. Building - Base Contract \$	=SUM(241)	\$ Amount
G622334	Calculate	Monthly O SOV - AIA G703	G. Building - Base Contract %	=4123/4111	%
G622335	Calculate	Monthly O SOV - AIA G703	H. Building - Base Contract \$	=SUM(243)	\$ Amount
G622336	Calculate	Monthly O SOV - AIA G703	I. Building - Base Contract \$	=SUM(244)	\$ Amount
<b>G6224 Enter Building - OCO Line Item Information</b>					
G62241	Enter	Monthly O SOV - AIA G703	Building Name	G1322	Text
<b>G62242 Enter Known Information for Line Item</b>					
G622421	Enter	Monthly O SOV - AIA G703	A. OCO No.	G222221	Number
G622422	Enter	Monthly O SOV - AIA G703	A. OCO Item No.	G222222	Number
G622423	Enter	Monthly O SOV - AIA G703	B. GC SOV OCO Text Descrip	G222223	Text
G622424	Enter	Monthly O SOV - AIA G703	C. OCO No. Item \$ Amount.	G222224	\$ Amount
G622425	Enter	Monthly O SOV - AIA G703	D. OCO Item Previous \$ Amo	G622432	\$ Amount
<b>G62243 Enter Current Month's Values</b>					
G622431	Enter	Monthly O SOV - AIA G703	F. OCO Item \$ Value - Mater	G8	\$ Amount
G622432	Enter	Monthly O SOV - AIA G703	G. OCO Item - % Complete to	S6121431	%
<b>G62244 Calculate OCO No. Derived Values</b>					
G622441	Calculate	Monthly O SOV - AIA G703	G. OCO Item \$ Amount Comp	=432*424	\$ Amount
G622442	Calculate	Monthly O SOV - AIA G703	E. OCO Item \$ Amount Comp	=441-425	\$ Amount
G622443	Calculate	Monthly O SOV - AIA G703	H. OCO Item \$ Balance to Fir	=424-441	\$ Amount
G622444	Enter	Monthly O SOV - AIA G703	OCO Item % Retainage	G13234	%
G622445	Calculate	Monthly O SOV - AIA G703	I. OCO Item \$ Amount Retain	=444*441	\$ Amount
<b>G6225 Calculate Building - OCO Totals</b>					



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**G6 Manage Progress Billings**

IDEFO	Action	Document	Information	Source	Data For
G62251	Enter	Monthly O SOV - AIA G703	Building Name	Subcontract	Text
<b>G62252 Enter Building OCO Totals</b>					
G622521	Enter	Monthly O SOV - AIA G703	C. Building - Total OCO \$ Val	=SUM(424)	\$ Amount
G622522	Enter	Monthly O SOV - AIA G703	D. Building - Previous Total C	G622533	\$ Amount
<b>G62253 Calculate Building - OCO Totals</b>					
G622531	Calculate	Monthly O SOV - AIA G703	E. Building - Total OCO \$ Am	=SUM(442)	\$ Amount
G622532	Calculate	Monthly O SOV - AIA G703	F. Building - Total OCO \$ Val	=SUM(431)	\$ Amount
G622533	Calculate	Monthly O SOV - AIA G703	G. Building - Total OCO \$ Am	=SUM(441)	\$ Amount
G622534	Calculate	Monthly O SOV - AIA G703	G. Building - Total OCO % Co	=533/521	%
G622535	Calculate	Monthly O SOV - AIA G703	H. Building - Total OCO \$ Ba	=SUM(443)	\$ Amount
G622536	Calculate	Monthly O SOV - AIA G703	I. Building - Total OCO \$ Am	=SUM(445)	\$ Amount
<b>G6226 Calculate Building - Revised GC Contract Totals</b>					
G62261	Enter	Monthly O SOV - AIA G703	Building Name	G62221	Text
<b>G62262 Enter Building Scheduled &amp; Previous Totals</b>					
G622621	Calculate	Monthly O SOV - AIA G703	C. Building - Revised GC Cor	=321+521	\$ Amount
G622622	Enter	Monthly O SOV - AIA G703	D. Building - Revised GC Cor	G622633	\$ Amount
<b>G62263 Calculate Building Current Month Totals</b>					
G622631	Calculate	Monthly O SOV - AIA G703	E. Building - Revised GC Cor	=331+531	\$ Amount
G622632	Calculate	Monthly O SOV - AIA G703	F. Building - Revised GC Cor	=332+532	\$ Amount
G622633	Calculate	Monthly O SOV - AIA G703	G. Building - Revised GC Cor	=333+533	\$ Amount
G622634	Calculate	Monthly O SOV - AIA G703	G. Building - Revised GC Cor	=633/621	%
G622635	Calculate	Monthly O SOV - AIA G703	H. Building - Revised GC Cor	=335+535	\$ Amount
G622636	Calculate	Monthly O SOV - AIA G703	I. Building - Revised GC Cor	=336+536	\$ Amount
<b>G6227 Calculate Project - Revised Subcontract Totals</b>					
<b>G62271 Enter Project - Revised Subcontract Scheduled &amp; Previous Totals</b>					
G622711	Calculate	Monthly O SOV - AIA G703	C. Project - Revised GC Cont	=SUM(621)	\$ Amount
G622712	Enter	Monthly O SOV - AIA G703	D. Project - Revised GC Cont	G622723	\$ Amount
<b>G62272 Calculate Project Current Month Totals</b>					
G622721	Calculate	Monthly O SOV - AIA G703	E. Project - Revised GC Cont	=SUM(631)	\$ Amount
G622722	Calculate	Monthly O SOV - AIA G703	F. Project - Revised GC Cont	=SUM(632)	\$ Amount
G622723	Calculate	Monthly O SOV - AIA G703	G. Project - Revised GC Cont	=SUM(633)	\$ Amount
G622724	Calculate	Monthly O SOV - AIA G703	G. Project - Revised GC Cont	=723/711	%
G622725	Calculate	Monthly O SOV - AIA G703	H. Project - Revised GC Cont	=SUM(635)	\$ Amount
G622726	Calculate	Monthly O SOV - AIA G703	I. Project - Revised GC Contr	=SUM(636)	\$ Amount
<b>G623 Send Proposed Monthly Owner Billing to A</b>					
<b>G6231 Prepare O SOV Envelope</b>					
<b>G62311 Create O SOV Envelope</b>					
G623111	Instantiate	<a href="#">O SOV Envelope</a>			Document
G623112	Enter	O SOV Envelope	GC Company Name	G1112	Text
	Enter	O SOV Envelope	GC Co. Field Office Address	G1121	Text
	Enter	O SOV Envelope	GC Field Office Phone	G1122	Number
	Enter	O SOV Envelope	GC Field Office Fax	G1123	Number
	Enter	O SOV Envelope	GC Co. Contractor License N	G1114	Number
G623113	Enter	O SOV Envelope	TO: A PM Name	A1212	Text
	Enter	O SOV Envelope	TO: A Co. Name	A1112	Text
	Enter	O SOV Envelope	TO: A Co. Field Office Address	A1131	Text
G62312	Enclose	<a href="#">O SOV Envelope</a>	<a href="#">Monthly O SOV - AIA G703</a>		Document
G6232	Send	<a href="#">O SOV Envelope</a>			Document
<b>G63 Negotiate Proposed SOV</b>					
	Negotiate/Ar	<a href="#">Monthly Sub Billing</a>			Document
<b>G64 Manage Monthly Owner Billing</b>					
<b>G641 Receive Monthly Owner SOV (approved)</b>					
<b>G6411 Open Owner SOV Envelope</b>					
G64111	Open	<a href="#">Owner SOV (approved)</a>			Document
G64112	Determine	Owner SOV (approved)	O Company Name	O6	Text
G64113	Determine	Owner SOV (approved)	Monthly O SOV Title	G622122	Text
G6412	Enter	Owner SOV (approved)	Date O SOV Received	AUTO!	Date
<b>G642 Prepare Monthly Owner Billing</b>					
<b>G6421 Prepare GC Monthly Payment Application - AIA G702</b>					
<b>G64211 Create GC Monthly Application and Certification for Payment - AIA G702</b>					
G642111	Instantiate	<a href="#">Application and Certification for Payment AIA G702</a>			Document
G642112	Enter	Application and Certification fo	Document ID	AUTO!	ID
	Enter	Application and Certification fo	Document Title	AUTO!	Text
	Enter	Application and Certification fo	Page No.	AUTO!	Number
	Enter	Application and Certification fo	No. Pages	AUTO!	Number
G642113	Enter	Application and Certification fo	Owner Company Name	O1112	Text
	Enter	Application and Certification fo	Owner Co. Home Office Addr	O1121	Text
	Enter	Application and Certification fo	GC Company Name	G1112	Text
	Enter	Application and Certification fo	GC Co. Home Office Address	G1121	Text
	Enter	Application and Certification fo	CM Company Name	O1112	Text
	Enter	Application and Certification fo	CM Co. Field Office Address	O1131	Text
	Enter	Application and Certification fo	A Company Name	A1112	Text
	Enter	Application and Certification fo	A Co. Home Office Address	A1121	Text
G642114	Enter	Application and Certification fo	Project Name	G1242	Text
	Enter	Application and Certification fo	GC Project No.	G1244	Number
	Enter	Application and Certification fo	A Project No.	A1313	Number
	Enter	Application and Certification fo	O-GC Contract Date	G1322	Date
G642115	Enter	Application and Certification fo	Owner Payment Application N	G622131	Number



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IDEFO	Action	Document	Information	Source	Data For
	Enter	Application and Certification to	Billing Period - Month, Year	G622132	Date
<b>G64212</b>	<b>Enter GC's Application for Payment Information</b>				
<b>G642121</b>	Enter	Application and Certification to	C. Project - Base GC Contract	G22142	\$ Amount
	Enter	Application and Certification to	C. Project - Total Sub CO \$ V	G6421227	\$ Amount
	Enter	Application and Certification to	C. - Project - Revised GC Contract	G622711	\$ Amount
	Enter	Application and Certification to	Project - Revised GC Contract	G622723	\$ Amount
	Enter	Application and Certification to	Project - Revised GC Contract	G622726	\$ Amount
	Calculate	Application and Certification to	Project - Revised GC Contract	=214-215	\$ Amount
	Enter	Application and Certification to	Project - Total \$ Amount for P	G6421216	\$ Amount
	Calculate	Application and Certification to	Project - Revised GC Contract	=216 - 217	\$ Amount
	Calculate	Application and Certification to	Project - Revised GC Contract	=213-214+215	\$ Amount
<b>G642122</b>	Enter	Application and Certification to	CO Summary - Total Previous	G6421225	\$ Amount
	Enter	Application and Certification to	CO Summary - Total Previous	G6421226	\$ Amount
	Enter	Application and Certification to	CO Summary - Total This Mo	G5	\$ Amount
	Enter	Application and Certification to	CO Summary - Total This Mo	G5	\$ Amount
	Calculate	Application and Certification to	CO Summary - Total ADD Cr	=221+223	\$ Amount
	Calculate	Application and Certification to	CO Summary - Total DED Cr	=222+224	\$ Amount
	Calculate	Application and Certification to	Total Project OCO's to Date	=225+226	\$ Amount
<b>G642123</b>	Enter	Application and Certification to	Certification Clause for GC	AUTO!	Text
	Enter	Application and Certification to	GC Co. Name	G64211321	Text
	Enter	Application and Certification to	GC PM Title	G1232	Text
	Enter	Application and Certification to	GC PM Name	G1212	Text
	Enter	Application and Certification to	Certification Clause for Archite	AUTO!	Text
<b>G64213</b>	<b>Save and Review GC Application and Certification for Payment Before Sending</b>				
<b>G642131</b>	Save	Application and Certification for Payment AIA G702			Documen
<b>G642132</b>	Print	Application and Certification for Payment AIA G702			Documen
<b>G6422</b>	<b>Prepare GC Monthly Invoice</b>				
<b>G64221</b>	<b>Create GC Monthly Invoice</b>				
<b>G642211</b>	Instantiate	GC Invoice			Documen
<b>G642212</b>	Enter	GC Invoice	O Invoice ID	AUTO!	ID
	Enter	GC Invoice	O Invoice Title	AUTO!	Text
	Enter	GC Invoice	O Invoice Date	AUTO!	Date
<b>G642213</b>	Enter	GC Invoice	TO: O PM Name	O1212	Text
	Enter	GC Invoice	TO: O Company Name	O1112	Text
	Enter	GC Invoice	TO: O Co. Home Office Adre	O1121	Text
	Enter	GC Invoice	GC Company Name	G1112	Text
	Enter	GC Invoice	GC Co. Home Office Address	G1121	Text
	Enter	GC Invoice	GC Co. Field Office Address	G1131	Text
	Enter	GC Invoice	GC Home Office Phone	G1122	Number
	Enter	GC Invoice	GC Home Office Fax	G1123	Number
	Enter	GC Invoice	GC Field Office Phone	G1132	Number
	Enter	GC Invoice	GC Field Office Fax	G1133	Number
	Enter	GC Invoice	GC Co. Contractor License N	G1114	Number
<b>G642213</b>	Enter	GC Invoice	Project Name	G1312	Text
	Enter	GC Invoice	Building Name	G1322	Text
	Enter	GC Invoice	GC Project No.	G1313	Number
	Enter	GC Invoice	O-GC Contract Date	G1322	Date
<b>G64222</b>	<b>Enter GC's Invoice Information</b>				
<b>G642221</b>	Enter	GC Invoice	O Invoice No.	AUTO!	Number
	Enter	GC Invoice	Period - Month, Year	G6421152	Date
	Enter	GC Invoice	Invoice Terms	AUTO!	Text
<b>G642222</b>	Enter	GC Invoice	C. Project - Base GC Contract	G6421211	\$ Amount
	Enter	GC Invoice	C. Project - Total Sub CO \$ V	G6421212	\$ Amount
	Enter	GC Invoice	C. - Project - Revised GC Contract	G6421213	\$ Amount
	Enter	GC Invoice	Project - Revised GC Contract	G6421214	\$ Amount
	Enter	GC Invoice	Project - Revised GC Contract	G6421215	\$ Amount
	Enter	GC Invoice	Project - Revised GC Contract	G6421216	\$ Amount
	Enter	GC Invoice	\$ Total for Previous Certificat	G6421217	\$ Amount
	Enter	GC Invoice	Project - Revised GC Contract	G6421218	\$ Amount
<b>G64223</b>	<b>Save and Review GC Billing Before Sending</b>				
<b>G642221</b>	Save	GC Invoice			Documen
<b>G642222</b>	Print	GC Invoice			Documen
<b>G643</b>	<b>Authorize Monthly Owner Billing</b>				
<b>G6431</b>	<b>Review and Approve Billing</b>				
<b>G64311</b>	Review	Application and Certification for Payment AIA G702			Documen
<b>G64312</b>	Approve	Application and Certification for Payment AIA G702			Documen
<b>G6432</b>	<b>GC Certify Payment Application</b>				
<b>G64321</b>	Enter	Application and Certification to	GC Signature	DATA!	Signature
<b>G64322</b>	Enter	Application and Certification to	Date Signed	AUTO!	Date
<b>G644</b>	<b>Log Owner Billing in GC's Owner Accounting Log (BILLED)</b>				
<b>G6441</b>	<b>Open Owner Accounting Log</b>				
<b>G64411</b>	Select	GC->Owner Accounting Log			Documen
<b>G64412</b>	Open	GC->Owner Accounting Log			Documen
<b>G6442</b>	<b>Enter Billing Details</b>				
<b>G64421</b>	<b>Enter Building - Base GC Contract Payment Details</b>				
<b>G644211</b>	Select	GC->Owner Accounting Log	Building Name	G62221	Text
<b>G644212</b>	Enter	GC->Owner Accounting Log	E. Building - Base Contract \$	G622331	\$ Amount
	Calculate	GC->Owner Accounting Log	E. Building - Base GC Contract	=2121/2112	%
<b>G644213</b>	Enter	GC->Owner Accounting Log	Owner Payment Application N	G622131	Number
	Enter	GC->Owner Accounting Log	Billing Period - Month, Year	G622132	Date





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IDEFO	Action	Document	Information	Source	Data For
<b>G64422</b>	<b>Calculate Building - Base GC Contract Totals</b>				
G644221	Enter	GC->Owner Accounting Log	Building Name	G62231	Text
G644222	Enter	GC->Owner Accounting Log	C. - Building - Base GC Contr	G622321	\$ Amount
G644223	Calculate	GC->Owner Accounting Log	G. Building - Base \$ Amount	G622333	\$ Amount
G644224	Calculate	GC->Owner Accounting Log	G. Building - Base GC Contra	=222/221	%
<b>G64423</b>	<b>Enter Owner Change Order Payment Details</b>				
G644231	Enter	GC->Owner Accounting Log	Building Name	G62241	Text
G644232	Enter	GC->Owner Accounting Log	A. OCO No.	G622421	Number
	Enter	GC->Owner Accounting Log	A. OCO Item No.	G622422	Number
	Enter	GC->Owner Accounting Log	C. OCO No. Item \$ Amount	G622424	\$ Amount
G644233	Enter	GC->Owner Accounting Log	E. OCO Item \$ Amount Comp.	G622442	\$ Amount
	Calculate	GC->Owner Accounting Log	G. OCO Item \$ Amount Comp.	G622441	\$ Amount
	Calculate	GC->Owner Accounting Log	G. OCO Item - % Complete to	=332/323	%
G644234	Enter	GC->Owner Accounting Log	Owner Payment Application N	G622131	Number
	Enter	GC->Owner Accounting Log	Billing Period - Month, Year	G622132	Date
<b>G64424</b>	<b>Calculate Building - Owner Change Order Totals</b>				
G644241	Enter	GC->Owner Accounting Log	Building Name	G62251	Text
G644242	Calculate	GC->Owner Accounting Log	C. Building - Total OCO \$ Va	G622521	\$ Amount
G644243	Calculate	GC->Owner Accounting Log	E. Building - Total OCO \$ Am	G622531	\$ Amount
G644244	Calculate	GC->Owner Accounting Log	G. Building - Total OCO \$ Am	G622533	\$ Amount
G644245	Calculate	GC->Owner Accounting Log	G. Building - Total OCO % Co	G622534	%
<b>G64425</b>	<b>Calculate Building - Revised GC Contract Totals</b>				
G644251	Enter	GC->Owner Accounting Log	Building Name	G644231	Text
G644252	Calculate	GC->Owner Accounting Log	C. Building - Revised GC Co	=222+242	\$ Amount
G644253	Calculate	GC->Owner Accounting Log	E. Building - Revised GC Co	=121+243	\$ Amount
G644254	Calculate	GC->Owner Accounting Log	G. Building - Revised GC Co	=223+244	\$ Amount
G644255	Calculate	GC->Owner Accounting Log	G. Building - Revised GC Co	=254/252	%
<b>G6443</b>	<b>Calculate Project Billing Totals</b>				
<b>G64431</b>	<b>Calculate Project Base Financial Totals</b>				
G644311	Select	GC->Owner Accounting Log	Project Base Contract	AUTO!	Text
G644312	Calculate	GC->Owner Accounting Log	C. Project - Base GC Contract	=SUM(222)	\$ Amount
G644313	Calculate	GC->Owner Accounting Log	E. Project - Base GC Contract	=SUM(121)	\$ Amount
G644314	Calculate	GC->Owner Accounting Log	G. Project - Base GC Contract	=SUM(223)	\$ Amount
G644315	Calculate	GC->Owner Accounting Log	G. Project - Base GC Contract	=4314/4312	%
<b>G64432</b>	<b>Calculate Project OCO Financial Totals</b>				
G644321	Select	GC->Owner Accounting Log	Project OCO	AUTO!	Text
G644322	Calculate	GC->Owner Accounting Log	C. Project - OCO Total \$ Am	=SUM(242)	\$ Amount
G644323	Calculate	GC->Owner Accounting Log	E. Project - OCO Total \$ Am	=SUM(243)	\$ Amount
G644324	Calculate	GC->Owner Accounting Log	G. Project - OCO Total \$ Am	=SUM(244)	\$ Amount
G644325	Calculate	GC->Owner Accounting Log	G. Project - OCO Total % Co	=324/322	%
<b>G64433</b>	<b>Calculate Total Project Financial Totals</b>				
G644331	Select	GC->Owner Accounting Log	TOTAL Project	AUTO!	Text
G644332	Calculate	GC->Owner Accounting Log	C. Project - Revised Contract	=312+322	\$ Amount
G644333	Calculate	GC->Owner Accounting Log	E. Project Total \$ Amount Co	=313+323	\$ Amount
G644334	Calculate	GC->Owner Accounting Log	G. Project Total \$ Amount Co	=314+324	\$ Amount
G644335	Calculate	GC->Owner Accounting Log	Project Total % Complete	=334/332	%
G64434	Enter	GC->Owner Accounting Log	Project - Total GC \$ Amount	(1-Retainag	\$ Amount
G64435	Enter	GC->Owner Accounting Log	Project - Current Net GC \$ Ar	(1 - Retainag	Text
<b>G6444</b>	<b>Save and Close Owner Accounting Log</b>				
G64441	Save	GC->Owner Accounting Log			Documen
G64442	Close	GC->Owner Accounting Log			Documen
<b>G645</b>	<b>Copy Owner Billing</b>	Copy	Owner Billing		Documen
<b>G646</b>	<b>Send Owner Billing to Owner</b>				
<b>G6461</b>	<b>Prepare Owner Billing Envelope</b>				
<b>G64611</b>	<b>Create Owner Billing Envelope</b>				
G646111	Instantiate	Owner Billing Envelope			Documen
G646112	Enter	Owner Billing Envelope	GC Company Name	G1112	Text
	Enter	Owner Billing Envelope	GC Co. Home Office Address	G1121	Text
	Enter	Owner Billing Envelope	GC Home Office Phone	G1122	Number
	Enter	Owner Billing Envelope	GC Home Office Fax	G1123	Number
	Enter	Owner Billing Envelope	GC Co. Contractor License N	G1114	Number
G646113	Enter	Owner Billing Envelope	TO: O PM Name	G64221311	Text
	Enter	Owner Billing Envelope	TO: O Co. Name	G64221312	Text
	Enter	Owner Billing Envelope	TO: O Co. Field Office Address	G64221313	Text
G64612	Enclose	Owner Billing Envelope	Owner Billing		Documen
<b>G6462</b>	Send	Owner Billing Envelope			Documen
<b>G6463</b>	<b>Update GC's O Accounting Log</b>				
<b>G64631</b>	<b>Open GC's O Accounting Log</b>				
G646311	Select	GC->O Accounting Log			Documen
G646312	Open	GC->O Accounting Log			Documen
<b>G64632</b>	<b>Enter Project Information</b>				
G646321	Select	GC->O Accounting Log	Project Name	G6422131	Text
G646322	Select	GC->O Accounting Log	Building Name	G6422132	Text
G646323	Enter	GC->O Accounting Log	GC Project No.	G6422133	Number
<b>G64633</b>	<b>Enter O Billing Mailed Information</b>				
G646331	Select	GC->O Accounting Log	O Billing ID	G6422121	ID
G646332	Enter	GC->O Accounting Log	Date Sent	AUTO!	Date
G646333	Enter	GC->O Accounting Log	Time Sent	AUTO!	Time
<b>G64634</b>	<b>Update GC's O Accounting Log</b>				

**CENTER FOR INTEGRATED FACILITY ENGINEERING, STANFORD UNIVERSITY**  
**Potential Benefits of Internet-Based Project Control Systems –**  
**A Study On Monthly Progress Billings Processing - Appendix A**  
**By Alex Barrón, Martin Fischer**

Org.	Position	Task	Cls	Skill	4910					0.40 24 1450						
					G	F	E	D	C	I	H	G	F	E	D	C
					<b>Paper</b>					<b>Internet</b>						
					<b>0</b>											
GC	Project A Update L	Clerical			0							0				
GC	Project A Update L	Clerical			0							0				
GC	Project A Update L	Clerical			0							0				
GC	Project A Update L	Clerical			0							0				
					<b>45</b>					<b>0</b>						
GC	Project A Update L	Clerical			5							0				
					20							0				
GC	Project A Update L	Clerical								0						
GC	Project A Update L	Clerical								0						
GC	Project A Update L	Clerical								0						
GC	Project A Update L	Clerical								0						
GC	Project A Update L	Clerical								0						
GC	Project A Update L	Clerical								0						
GC	Project A Update L	Clerical								0						
					<b>10</b>					<b>0</b>						
GC	Project A Update L	Clerical								0						
GC	Project A Update L	Clerical								0						
GC	Project A Update L	Clerical								0						
					<b>10</b>					<b>0</b>						
GC	Project A Update L	Clerical								0						
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GC	Project A Update L	Clerical			0							0				
GC	Project A Update L	Clerical			0							0				
					<b>0</b>					<b>0</b>						
GC	Project A Update L	Clerical			0							0				

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**A Study On Monthly Progress Billings Processing - Appendix A**  
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CIFE Technical Report #127A  
 March, 2001  
**G6 Manage Progress Billings**

IDEFO	Action	Document	Information	Source	Data For
	Save	<a href="#">GC-&gt;O Accounting Log</a>			Document
	Close	<a href="#">GC-&gt;O Accounting Log</a>			Document
<b>G647 Archive Owner Billing</b>					
<b>G6471 Retrieve Owner Billing Folder</b>					
G64711	Open	<a href="#">File Cabinet</a>			Drive
G64712	Find	Owner Billing Folder			Folder
G64713	Select	Owner Billing Folder			Folder
G64714	Open	<a href="#">OCOR Folder</a>			Document
<b>G6472 File Owner Billing in Folder</b>					
G64721	Determine	Owner Billing	Document Date	G6422123	Date
G64722	Find	Owner Billing Folder	Month	G64721	Date
G64723	File	Owner Billing Folder	Owner Billing		Document
G6473	Save	<a href="#">OCOR Folder</a>			Folder
<b>G6474 Archive Owner Billing Folder</b>					
G64741	Close	<a href="#">OCOR Folder</a>			Folder
G64742	Close	<a href="#">File Cabinet</a>			Drive

**G65 Manage Certified Monthly Owner Payment Request**

**G651 Receive Monthly Owner Billing (certified)**

<b>G6511 Open Owner Billing Envelope</b>					
G65111	Open	<a href="#">Owner Billing (certified)</a>			Document
G65112	Determine	Owner Billing (certified)	GC Company Name	G64221321	Text
G65113	Determine	Owner Billing (certified)	GC Invoice Title	G6422122	Text
G6512	Enter	Owner Billing (certified)	Date Owner Billing Received	AUTO!	Date

**G652 Review & Approve Monthly Owner Billing (certified)**

G6521	Review	<a href="#">Owner Billing (certified)</a>			Document
G6522	Approve	<a href="#">Owner Billing (certified)</a>			Document

**G653 Archive Monthly Owner Billing (certified)**

<b>G6531 Retrieve Owner Billing Folder</b>					
G65311	Open	<a href="#">File Cabinet</a>			Drive
G65312	Find	Owner Billing Folder			Folder
G65313	Select	Owner Billing Folder			Folder
G65314	Open	<a href="#">OCOR Folder</a>			Document
<b>G6532 File Owner Billing in Folder</b>					
G65321	Determine	Owner Billing	Document Date	G6422123	Date
G65322	Find	Owner Billing Folder	Month	G65321	Date
G65323	File	Owner Billing Folder	Owner Billing		Document
G6533	Save	<a href="#">OCOR Folder</a>			Folder
<b>G6534 Archive Owner Billing Folder</b>					
G65341	Close	<a href="#">OCOR Folder</a>			Folder
G65342	Close	<a href="#">File Cabinet</a>			Drive

**G66 Manage Monthly Sub Payment Request**

**G661 Prepare Sub Payment Request for Posting**

<b>G6611 Prepare Monthly Sub Payment Request</b>					
<b>G66111 Create Monthly Sub Payment Request Document</b>					
G661111	Instantiate	<a href="#">Sub Payment Request</a>			Document
G661112	Enter	Sub Payment Request	Sub Payment Request ID	AUTO!	Number
	Enter	Sub Payment Request	Document Title	AUTO!	Text
	Enter	Sub Payment Request	Document Date	AUTO!	Date
	Enter	Sub Payment Request	Page No.	AUTO!	Number
	Enter	Sub Payment Request	No. Pages	AUTO!	Number
<b>G66112 Enter Organization's Information</b>					
G661121	Enter	Sub Payment Request	GC Company Name	G1112	Text
	Enter	Sub Payment Request	GC Co. Home Office Address	G1121	Text
G661122	Enter	Sub Payment Request	Sub Company Name	S1112	Text
	Enter	Sub Payment Request	Sub Co. Home Office Address	S1121	Text
	Enter	Sub Payment Request	Sub Company ID	S1111	Number
	Enter	Sub Payment Request	Sub No.	S1411	Number
<b>G66113 Enter Project Information</b>					
G661131	Enter	Sub Payment Request	Project Name	G1312	Text
G661132	Enter	Sub Payment Request	GC Project No.	G1313	Number
G661133	Enter	Sub Payment Request	Sub Project No.	S1313	Number
<b>G66114 Enter Project Information</b>					
G661141	Enter	Sub Payment Request	Sub Contract Date	S1413	Date
<b>G66115 Enter Payment Application Information</b>					
G661151	Enter	Sub Payment Request	Sub Payment Application No.	S6122133	Number
G661152	Enter	Sub Payment Request	Period - Month, Year	S6123212	Date
G661153	Enter	Sub Payment Request	Sub Invoice No.	S6123211	Number
G661154	Enter	Sub Payment Request	Sub Invoice Date	S6123123	Date
<b>G6612 Enter Sub Payment Request Information</b>					
<b>G66121 Enter Base Contract Information</b>					
G661211	Enter	Sub Payment Request	Building Name	S612131	Text
G661212	Enter	Sub Payment Request	Building - Base Contract \$ Va	S6121321	\$ Amount
	Enter	Sub Payment Request	Building - Base % Complete to	S6121334	%
	Enter	Sub Payment Request	Building - Base \$ Amount Coi	S6121333	\$ Amount
	Enter	Sub Payment Request	Building - Previous Base \$ Ar	S6121322	\$ Amount
	Calculate	Sub Payment Request	Building - Base \$ Amount Inv	S6121331	\$ Amount
	Calculate	Sub Payment Request	Base Retention This Period	25*Ret % Ra	\$ Amount
	Calculate	Sub Payment Request	Current Net Base Payment D	=125 -126	\$ Amount
G661213	Enter	Sub Payment Request	Cost Code ID	G21131	ID
<b>G66122 Enter Change Order Information</b>					
G661221	Enter	Sub Payment Request	Building Name	S6123142	Text

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		4910					0.40 24 1450						
Org.	Position Task Cts Skill	G	F	E	D	C	I	H	G	F	E	D	C
		Paper					Internet						
GC	Project A Update L Clerical	20											
GC	Project A Update L Clerical	10											
					60							0	
			20								0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
			15								0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	15									0		
GC	Clerk Locate D Clerical	10									0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
					285								135
			20		30						0		0
GC	Clerk Process Clerical	10									0		
GC	Clerk Process Clerical	5									0		
GC	Clerk Process Clerical	5									0		
GC	Clerk Process Clerical	10									0		
					135								135
GC	Project M Authorize Managerial	120									120		
GC	Project M Authorize Managerial	15									15		
					120								0
			20								0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
			15								0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
			15								0		
			10								0		
GC	Clerk Locate D Clerical	5									0		
GC	Clerk Locate D Clerical	5									0		
					805								170
			40		290						0		140
			15								0		
GC	Project A Prepare I Clerical	0									0		
		15									0		
GC	Project A Prepare I Clerical						0				0		
GC	Project A Prepare I Clerical						0				0		
GC	Project A Prepare I Clerical						0				0		
GC	Project A Prepare I Clerical						0				0		
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GC	Project A Prepare I Clerical							0			0		
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GC	Project A Prepare I Clerical	5						0			0		
GC	Project A Prepare I Clerical	0						0			0		
GC	Project A Prepare I Clerical	0						0			0		
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GC	Project A Prepare I Clerical	0						0			0		
											0		
GC	Project A Prepare I Clerical	5						0			0		
GC	Project A Prepare I Clerical	5						0			0		
GC	Project A Prepare I Clerical	5						0			0		
GC	Project A Prepare I Clerical	5						0			0		
					90						0		
GC	Project A Prepare I Clerical	45									0		
		5									0		
		30									0		
GC	Project A Prepare I Clerical							0			0		
GC	Project A Prepare I Clerical							0			0		
GC	Project A Prepare I Clerical							0			0		
GC	Project A Prepare I Clerical							0			0		
GC	Project A Prepare I Technical							0			0		
GC	Project A Prepare I Technical							0			0		
GC	Project A Prepare I Technical							0			0		
GC	Project A Prepare I Clerical	10						0			0		
											0		
											0		
GC	Project A Prepare I Clerical	15						0			0		
GC	Project A Prepare I Clerical							0			0		

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**CIFE Technical Report #127A**  
**March, 2001**  
**G6 Manage Progress Billings**

IDEFO	Action	Document	Information	Source	Data For
	Enter	Sub Payment Request	Sub CO No.	S6121421	Number
	Enter	Sub Payment Request	Sub CO Item No.	S6121422	Number
G661222	Enter	Sub Payment Request	Sub CO Item \$ Amount	S6121423	\$ Amount
	Enter	Sub Payment Request	Sub CO Item - % Complete to	S6121432	%
	Enter	Sub Payment Request	Sub CO Item \$ Amount Comp.	S6121424	\$ Amount
	Enter	Sub Payment Request	Sub CO Item - Previous \$ Am	S6121333	\$ Amount
	Calculate	Sub Payment Request	Sub CO Item \$ Amount Invoic	S6121442	\$ Amount
	Calculate	Sub Payment Request	Sub CO Item Retention This	=225 * Ret. %	\$ Amount
	Calculate	Sub Payment Request	Current Net Sub CO Item Pay	=225-226	\$ Amount
G661223	Enter	Sub Payment Request	OCOR Cost Code ID	G21221	ID
<b>G66123 Calculate Total Payment Application Information</b>					
G661231	Enter	Sub Payment Request	Total Label	AUTO!	Text
G661232	Calculate	Sub Payment Request	Total Scheduled \$ Value	I21+SUM(22	\$ Amount
	Calculate	Sub Payment Request	Total % Complete to Date	=323/321	%
	Calculate	Sub Payment Request	Total \$ Amount Complete to	I23+SUM(22	\$ Amount
	Calculate	Sub Payment Request	Total \$ Amount for Previous	I24+SUM(22	\$ Amount
	Calculate	Sub Payment Request	Total \$ Amount Invoiced This	I25+SUM(22	\$ Amount
	Calculate	Sub Payment Request	Total Retention This Period	I26+SUM(22	\$ Amount
	Calculate	Sub Payment Request	Current Net Sub \$ Amount Pa	I27+SUM(22	\$ Amount
<b>G66124 Enter Certification Clause</b>					
G661241	Enter	Sub Payment Request	GC PM Title	G1232	Text
G661242	Enter	Sub Payment Request	GC PM Name	G1212	Text
<b>G6613 Update Sub Application for Payment</b>					
G66131	Save	Sub Payment Request			Documen
G66132	Print	Sub Payment Request			Documen
<b>G6614 Review and Approve Sub Application for Payment</b>					
G66141	Review	Sub Payment Request			Documen
G66142	Approve	Sub Payment Request			Documen
<b>G6615 GC Certify Payment Request</b>					
G66151	Enter	Sub Payment Request	GC Signature	DATA!	Signature
G66152	Enter	Sub Payment Request	Date Signed	AUTO!	Date
<b>G662 Update GC's Sub Accounting Log (BILLED)</b>					
<b>G6621 Open Sub Accounting Log</b>					
G66211	Select	GC->Sub Accounting Log			Folder
G66212	Open	GC->Sub Accounting Log			Documen
<b>G6622 Enter Payment Details</b>					
<b>G66221 Enter Building - Base Subcontract Payment Details</b>					
G662211	Enter	GC->Sub Accounting Log	Building Name	G661211	Text
G662212	Enter	GC->Sub Accounting Log	E. Building - Base \$ Amount	G6612125	\$ Amount
	Calculate	GC->Sub Accounting Log	E. Building Base Subcontract	=2121/2222	%
G662213	Enter	GC->Sub Accounting Log	Sub Payment Application No.	G661151	Number
	Enter	GC->Sub Accounting Log	Period Complete	G661152	Date
<b>G66222 Calculate Building - Base Subcontract Totals</b>					
G662221	Enter	GC->Sub Accounting Log	Building Name	G662211	Text
G662222	Enter	GC->Sub Accounting Log	C. - Building - Base Subcontr	G6612121	\$ Amount
G662223	Enter	GC->Sub Accounting Log	G. Building - Base \$ Amount	G6612123	\$ Amount
G662224	Enter	GC->Sub Accounting Log	G. Building - Base Subcontrac	G6612122	%
<b>G66223 Enter Sub Change Order Payment Details</b>					
G662231	Enter	GC->Sub Accounting Log	Building Name	G6612211	Text
G662232	Enter	GC->Sub Accounting Log	Sub CO No.	G6612212	Number
	Enter	GC->Sub Accounting Log	Sub CO Item No.	G6612213	Number
	Enter	GC->Sub Accounting Log	C. Sub CO Item \$ Amount	G6612221	\$ Amount
G662233	Enter	GC->Sub Accounting Log	E. Sub CO Item \$ Amount Co	G6612225	\$ Amount
	Enter	GC->Sub Accounting Log	G. Sub CO Item \$ Amount Co	G6612223	\$ Amount
	Enter	GC->Sub Accounting Log	G. Sub CO Item % Complete	G6612222	%
G662234	Enter	GC->Sub Accounting Log	Sub Payment Application No.	G661151	Number
	Enter	GC->Sub Accounting Log	Period Complete	G661152	Date
<b>G66224 Calculate Building - Sub Change Order Totals</b>					
G662241	Enter	GC->Sub Accounting Log	Building Name	G662231	Text
G662242	Calculate	GC->Sub Accounting Log	C. Building - Total Sub CO \$	=SUM(2323)	\$ Amount
G662243	Calculate	GC->Sub Accounting Log	E. Building Sub CO Total \$ A	=SUM(2331)	\$ Amount
G662244	Calculate	GC->Sub Accounting Log	G. Building - Sub CO Total \$	=SUM(2332)	\$ Amount
G662245	Calculate	GC->Sub Accounting Log	G. Building - Sub CO Total %	=244/242	%
<b>G66225 Calculate Building - Revised Subcontract Totals</b>					
G662251	Enter	GC->Sub Accounting Log	Building Name	G662231	Text
G662252	Calculate	GC->Sub Accounting Log	C. Building - Revised Subcon	=3212+3242	\$ Amount
G662253	Calculate	GC->Sub Accounting Log	E. Building - Revised Subcon	=2131+2431	\$ Amount
G662254	Calculate	GC->Sub Accounting Log	G. Building - Revised Subcon	=3314+433	\$ Amount
G662255	Calculate	GC->Sub Accounting Log	G. Building - Revised Subcon	3254/3251	%
<b>G6623 Calculate Project Payment Totals</b>					
<b>G66231 Calculate Project - Base Subcontract Totals</b>					
G662311	Calculate	GC->Sub Accounting Log	C. Project - Base Subcontract	=SUM(3412)	\$ Amount
G662312	Calculate	GC->Sub Accounting Log	E. Project - Base Subcontract	SUM(34131)	\$ Amount
G662313	Calculate	GC->Sub Accounting Log	G. Project - Base Total Sub \$	SUM(34133)	\$ Amount
G662314	Calculate	GC->Sub Accounting Log	G. Project - Base Total Sub %	=3413/3411	%
<b>G66232 Calculate Project - Sub CO Totals</b>					
G662421	Calculate	GC->Sub Accounting Log	C. Project - Total Sub CO \$	=SUM(3422)	\$ Amount
G662422	Calculate	GC->Sub Accounting Log	E. Project - Sub CO Total \$ A	SUM(34231)	\$ Amount
G662423	Calculate	GC->Sub Accounting Log	G. Project - Sub CO Total \$ A	SUM(34233)	\$ Amount



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		4910					0.40 24 1450						
Org.	Position Task Cts Skill	G	F	E	D	C	I	H	G	F	E	D	C
		Paper					Internet						
GC	Project APrepare   Clerical												
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GC	Project AUpdate L Clerical							0					
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IDEFO	Action	Document	Information	Source	Data For
G662424	Calculate	GC->Sub Accounting Log	G. - Project Sub CO Total %	C-3423/3421	%
<b>G66233 Calculate Project - Revised Subcontract Totals</b>					
G662431	Calculate	GC->Sub Accounting Log	C. Project - Revised Subcontract	=3311+3321	\$ Amount
G662432	Calculate	GC->Sub Accounting Log	E. Project - Revised Subcontract	=3312+3322	\$ Amount
G662433	Calculate	GC->Sub Accounting Log	G. Project - Revised Subcontract	=3314+3324	\$ Amount
G662434	Calculate	GC->Sub Accounting Log	G. Project - Revised Subcontract	3433/3431	%
G66234	Enter	GC->Sub Accounting Log	Project - Revised Subcontract	33 * (1-Ret.R	\$ Amount
G66235	Enter	GC->Sub Accounting Log	Project - Revised Subcontract	66612326	\$ Amount
<b>G6624 Save and Close Sub Accounting Log</b>					
G66241	Save	<a href="#">GC-&gt;Sub Accounting Log</a>			Documen
G66242	Close	<a href="#">GC-&gt;Sub Accounting Log</a>			Documen
<b>G663 Send Sub Payment Request for Posting to Accounting</b>					
G6631	Send	<a href="#">Sub Payment Request</a>			Documen
<b>G6632 Update GC's Sub Accounting Log</b>					
<b>G66321 Open GC's Sub Accounting Log</b>					
G663211	Select	<a href="#">GC-&gt;Sub Accounting Log</a>			Documen
G663212	Open	<a href="#">GC-&gt;Sub Accounting Log</a>			Documen
<b>G66322 Enter Project Information</b>					
G663221	Select	GC->Sub Accounting Log	Project Name	G661131	Text
G663222	Enter	GC->Sub Accounting Log	Sub Project No.	G661133	Number
<b>G66323 Enter Sub Billing Mailed Information</b>					
G663231	Select	GC->Sub Accounting Log	OCOR ID	G6612127	Number
G663232	Enter	GC->Sub Accounting Log	Date Sub Payment Request S	AUTO!	Date
G663233	Enter	GC->Sub Accounting Log	Time Sent	AUTO!	Time
<b>G66324 Update GC's Sub Accounting Log</b>					
G663241	Save	<a href="#">GC-&gt;Sub Accounting Log</a>			Documen
G663242	Close	<a href="#">GC-&gt;Sub Accounting Log</a>			Documen
<b>G67 Process Monthly Sub Payment Request (Home Office)</b>					
<b>G671 Receive Sub Payment Request for Posting</b>					
G6711	Receive	<a href="#">Sub Payment Request</a>			Documen
G6712	Determine	Sub Payment Request	Sub Payment Request ID	G6611121	Text
G6713	Determine	Sub Payment Request	Sub Payment Request Title	G6611122	Text
G6714	Determine	Sub Payment Request	Sub Company Name	G6611221	Text
G672	Review	<a href="#">Sub Payment Request</a>			Documen
<b>G673 Post Sub Payment Request</b>					
<b>G6731 Open Accounting DB</b>					
G67311	Open	<a href="#">GC-&gt;Accounting DB</a>			Documen
G67312	Enter	GC->Accounting DB	Accounting Entry Person ID	G1	ID
G67313	Enter	GC->Accounting DB	Date Posted	AUTO!	Date
G67314	Enter	GC->Accounting DB	GC Project No.	G661132	Number
G67315	Enter	GC->Accounting DB	Sub Company ID	G6611223	ID
<b>G6732 Enter Sub Payment Request Information</b>					
G67321	Enter	GC->Accounting DB	Sub Payment Application No.	G661151	Number
G67322	Enter	GC->Accounting DB	Period - Month, Year	G661152	Date
G67323	Enter	GC->Accounting DB	Sub Invoice No.	G661153	Number
G67324	Enter	GC->Accounting DB	Sub Invoice Date	G661154	Date
<b>G6733 Enter Sub Payment Request Details</b>					
<b>G67331 Enter Base Sub Contract Information</b>					
G673311	Select	GC->Accounting DB	Building Name	G661211	Text
G673312	Enter	GC->Accounting DB	Cost Code ID	G661213	Number
G673313	Enter	GC->Accounting DB	Building - Base \$ Amount Inv	G6612125	\$ Amount
G673314	Enter	GC->Accounting DB	Base Retention This Period	G6612126	\$ Amount
G673315	Enter	GC->Accounting DB	Current Net Base Payment D	G6612127	\$ Amount
<b>G67332 Enter Change Order Information</b>					
G673321	Select	GC->Accounting DB	Building Name	G6612211	Text
G673322	Enter	GC->Accounting DB	Sub CO No.	G6612212	Number
G673323	Enter	GC->Accounting DB	Sub CO Item No.	G6612213	Number
G673324	Enter	GC->Accounting DB	EW Cost Code ID	G661223	Number
G673325	Enter	GC->Accounting DB	Sub CO Item \$ Amount Invoic	G6612225	\$ Amount
G673326	Enter	GC->Accounting DB	Sub CO Item Retention This I	G6612226	\$ Amount
G673327	Enter	GC->Accounting DB	Current Net Sub CO Item Pay	G6612227	\$ Amount
<b>G6734 Save Sub Payment Application Information in Acct DB</b>					
G67341	Review	<a href="#">GC-&gt;Accounting DB</a>			Documen
G67342	Save	<a href="#">GC-&gt;Accounting DB</a>			Documen
G67343	Close	<a href="#">GC-&gt;Accounting DB</a>			Documen
<b>G674 Archive Monthly Sub Payment Request</b>					
<b>G6741 Retrieve Sub Payment Request Folder</b>					
G67411	Open	<a href="#">File Cabinet</a>			Drive
G67412	Find	Sub Payment Request Folder			Folder
G67413	Select	Sub Payment Request Folder			Folder
G67414	Open	<a href="#">Sub Payment Request Folder</a>			Documen
<b>G6742 File Sub Payment Request in Folder</b>					
G67421	Determine	Sub Payment Request	Document Date	G6611123	Date
G67422	Find	Sub Payment Request Folder	Month	G67421	Date
G67423	File	Sub Payment Request Folder	<a href="#">Sub Payment Request</a>		Documen
G6743	Save	<a href="#">Sub Payment Request Folder</a>			Folder
<b>G6744 Archive Sub Payment Request Folder</b>					
G67441	Close	<a href="#">Sub Payment Request Folder</a>			Folder
G67442	Close	<a href="#">File Cabinet</a>			Drive
<b>G675 Update GC's Sub Accounting Log (POSTED) - FO</b>					
<b>G6751 Open GC's Sub Accounting Log</b>					
G67511	Select	<a href="#">GC-&gt;Sub Accounting Log</a>			Documen
G67512	Open	<a href="#">GC-&gt;Sub Accounting Log</a>			Documen



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IDEFO	Action	Document	Information	Source	Data For
G67513	Select	GC->Sub Accounting Log->Si	Sub Company Name	G6611221	Text
G67514	Select	GC->Sub Accounting Log->Si	Sub Company ID	G6611223	ID
<b>G6752 Enter Payment Details</b>					
<b>G67521 Update Base Contract Payment Details</b>					
G675211	Select	GC->Sub Accounting Log	Building Name	G661211	Text
	Select	GC->Sub Accounting Log	Sub Payment Application No.	G661151	Number
	Select	GC->Sub Accounting Log	Period Billed	G661152	Date
G675212	Enter	GC->Sub Accounting Log	Base Monthly \$ Amount Poste	G6612127	\$ Amount
G675213	Enter	GC->Sub Accounting Log	Status = "Posted"	AUTOI	Text
<b>G67522 Enter Sub Change Order Payment Details</b>					
G675221	Select	GC->Sub Accounting Log	Sub Payment Application No.	G661151	Number
	Enter	GC->Sub Accounting Log	Period Billed	G661152	Date
	Enter	GC->Sub Accounting Log	Building Name	G6612211	Text
	Enter	GC->Sub Accounting Log	Sub CO No.	G6612212	Number
	Enter	GC->Sub Accounting Log	Sub CO Item No.	G6612213	Number
G675222	Enter	GC->Sub Accounting Log	Sub CO Item \$ Amount Poste	G6612227	\$ Amount
G675223	Enter	GC->Sub Accounting Log	Status = "Posted"	AUTOI	Text
<b>G6753 Calculate Building Payment Totals</b>					
<b>G67531 Calculate Building Base Subcontract Totals</b>					
G675311	Select	GC->Sub Accounting Log	Building Name	G6752111	Text
G675312	Calculate	GC->Sub Accounting Log	Building Base Total \$ Amount	SUM(4212)	\$ Amount
<b>G67532 Calculate Building Sub Change Order Totals</b>					
G675321	Select	GC->Sub Accounting Log	Building Name	G6752213	Text
G675322	Calculate	GC->Sub Accounting Log	Building Sub CO Total \$ Amount	SUM(4222)	\$ Amount
<b>G6754 Calculate Project Payment Totals</b>					
G67541	Calculate	GC->Sub Accounting Log	Project Base Total \$ Amount	SUM(4312)	\$ Amount
G67542	Calculate	GC->Sub Accounting Log	Project Sub CO Total \$ Amount	SUM(4322)	\$ Amount
G67543	Calculate	GC->Sub Accounting Log	Project Total \$ Amount Poste	4341+4342	\$ Amount
<b>G6755 Save and Close Sub Accounting Log</b>					
G67551	Save	GC->Sub Accounting Log			Documen
G67552	Close	GC->Sub Accounting Log			Documen



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