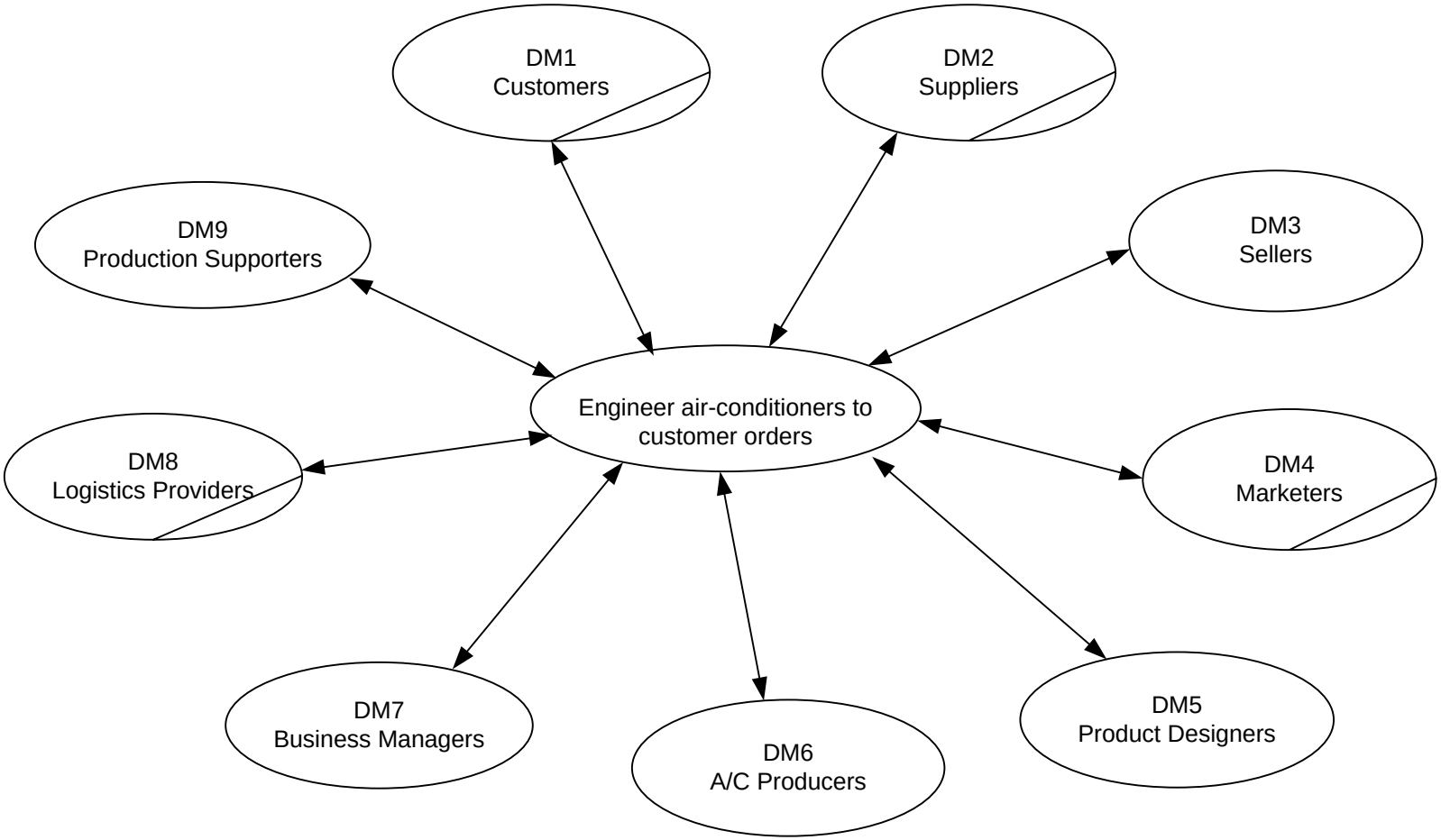
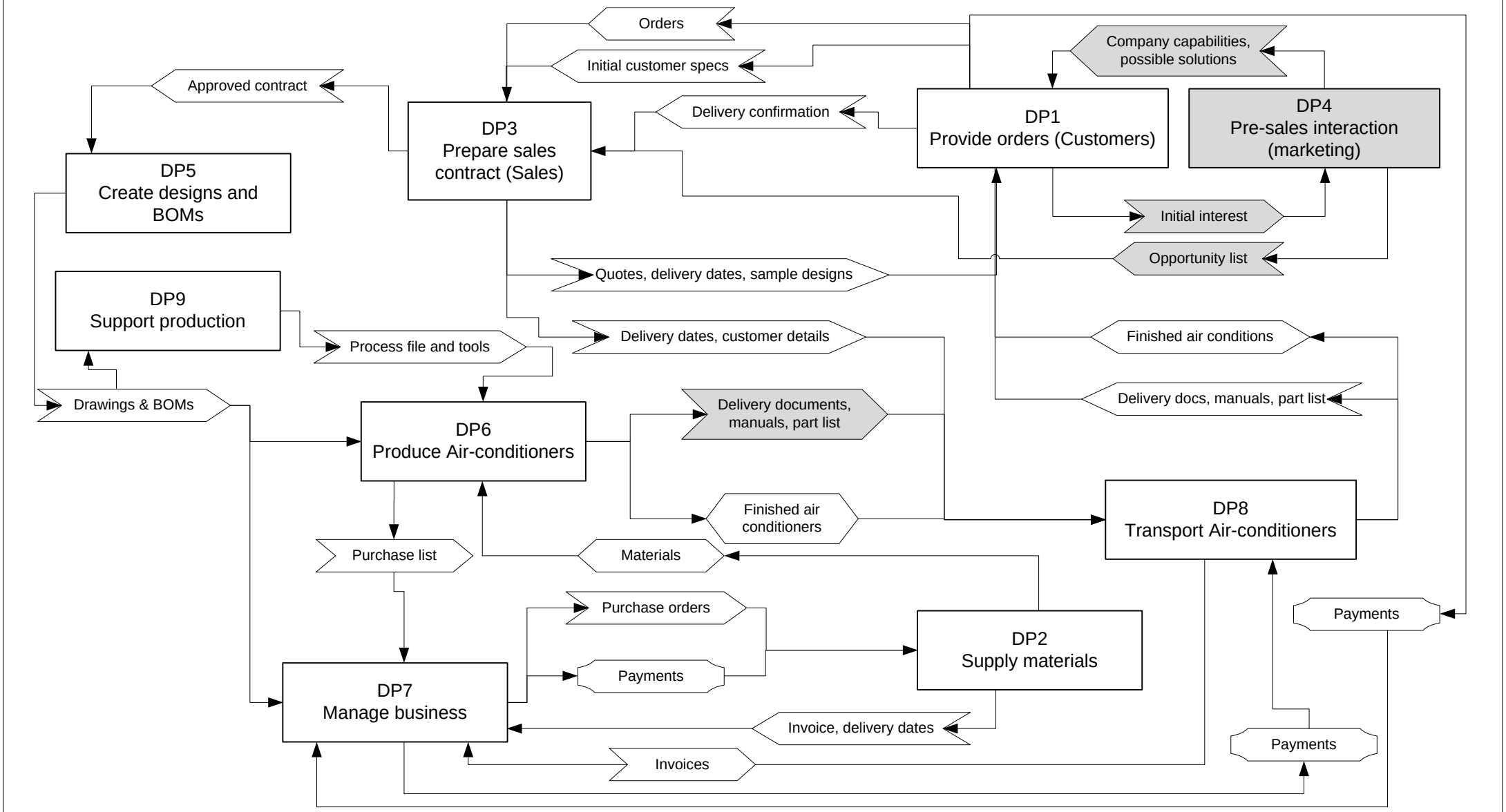


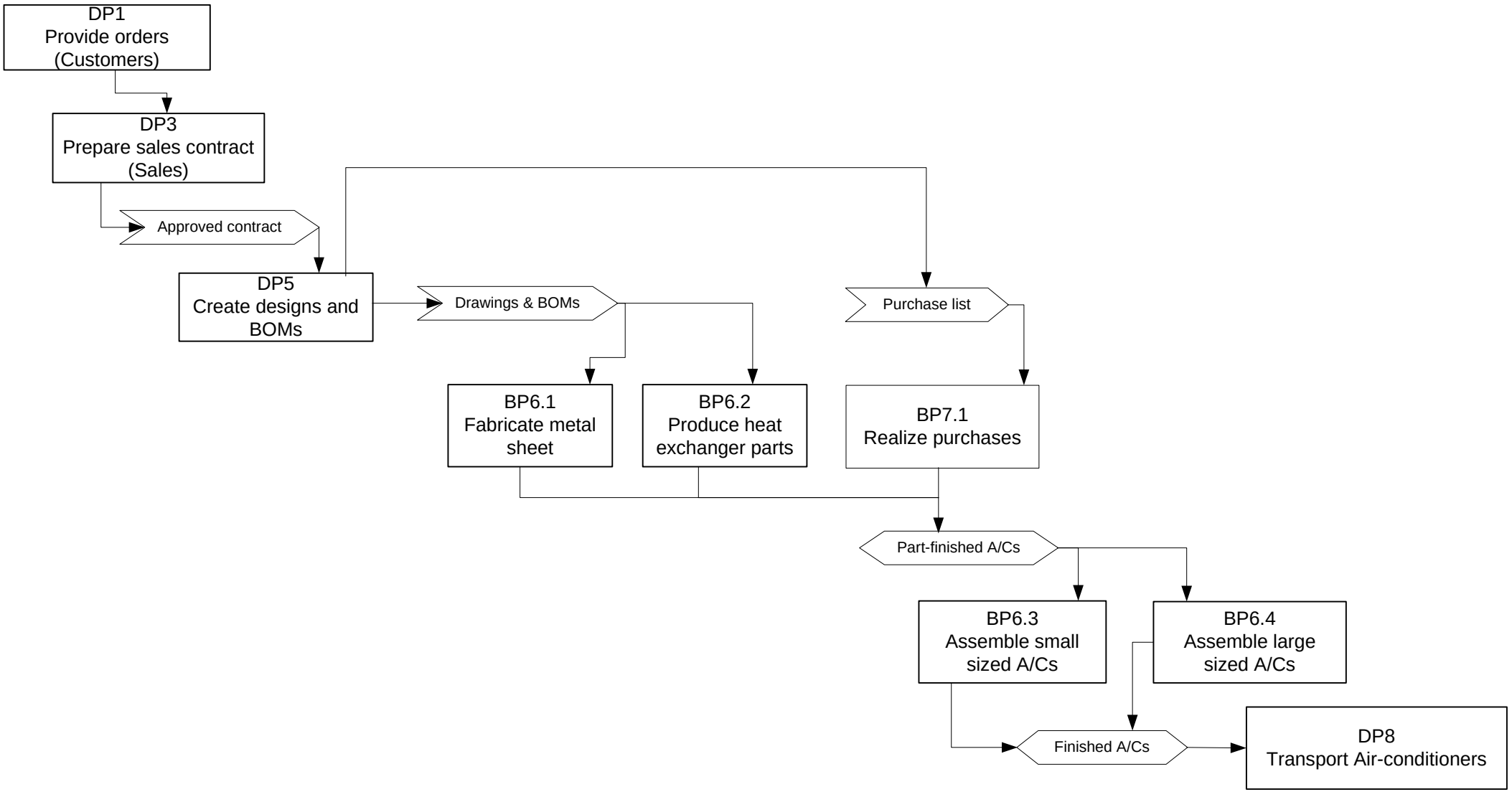
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	context diagram		Modelled by: Shenling project team	Created: 15/07/08	MSI Research Institute
	Project Title: Improvement of productivity and planning at Shenling A/C	Page: 1 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



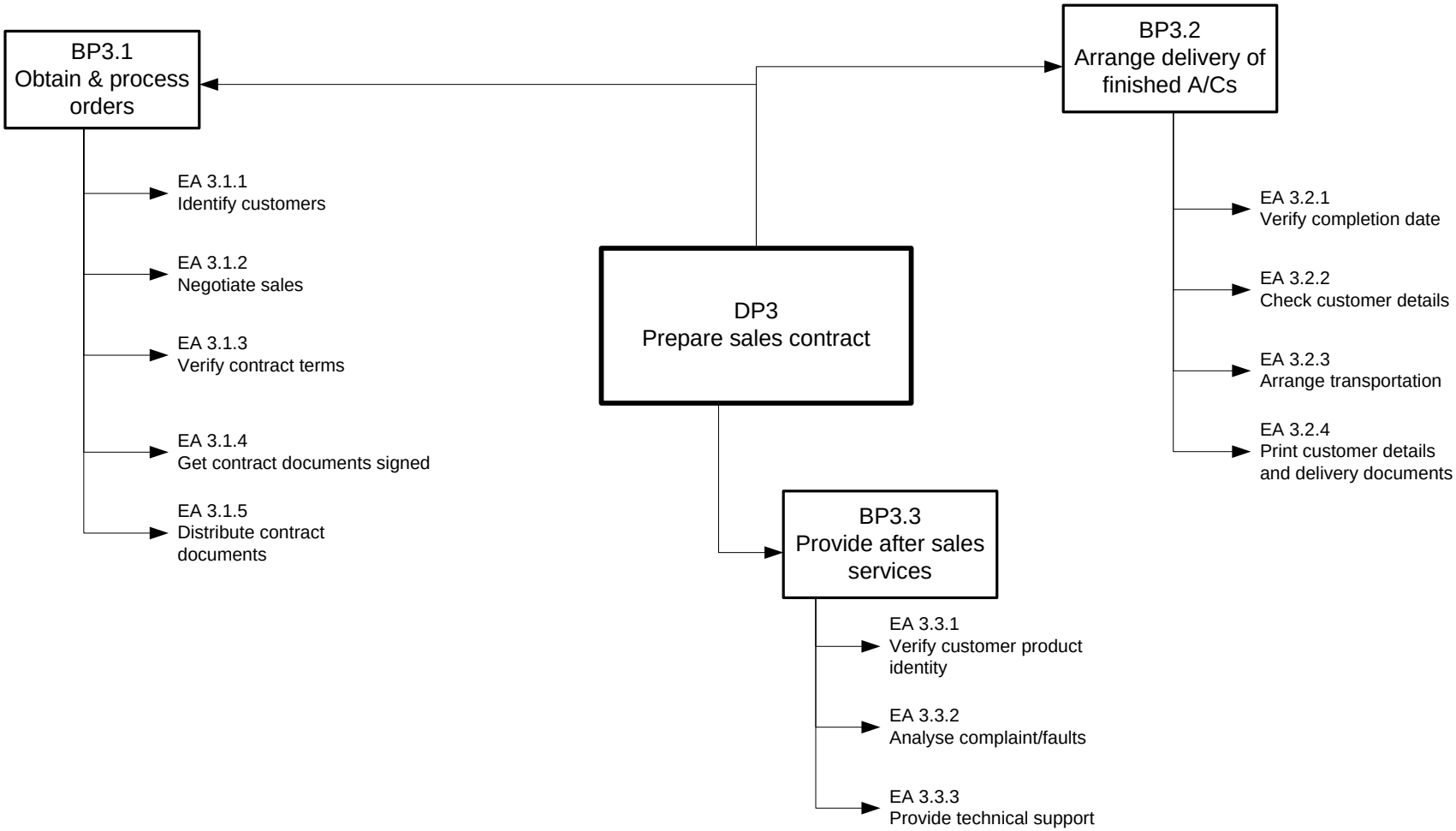
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	top level interaction diagram		Modelled by: Shenling project team	Created: 09/07/08	MSI Research Institute
	Project Title:	Page: 2 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



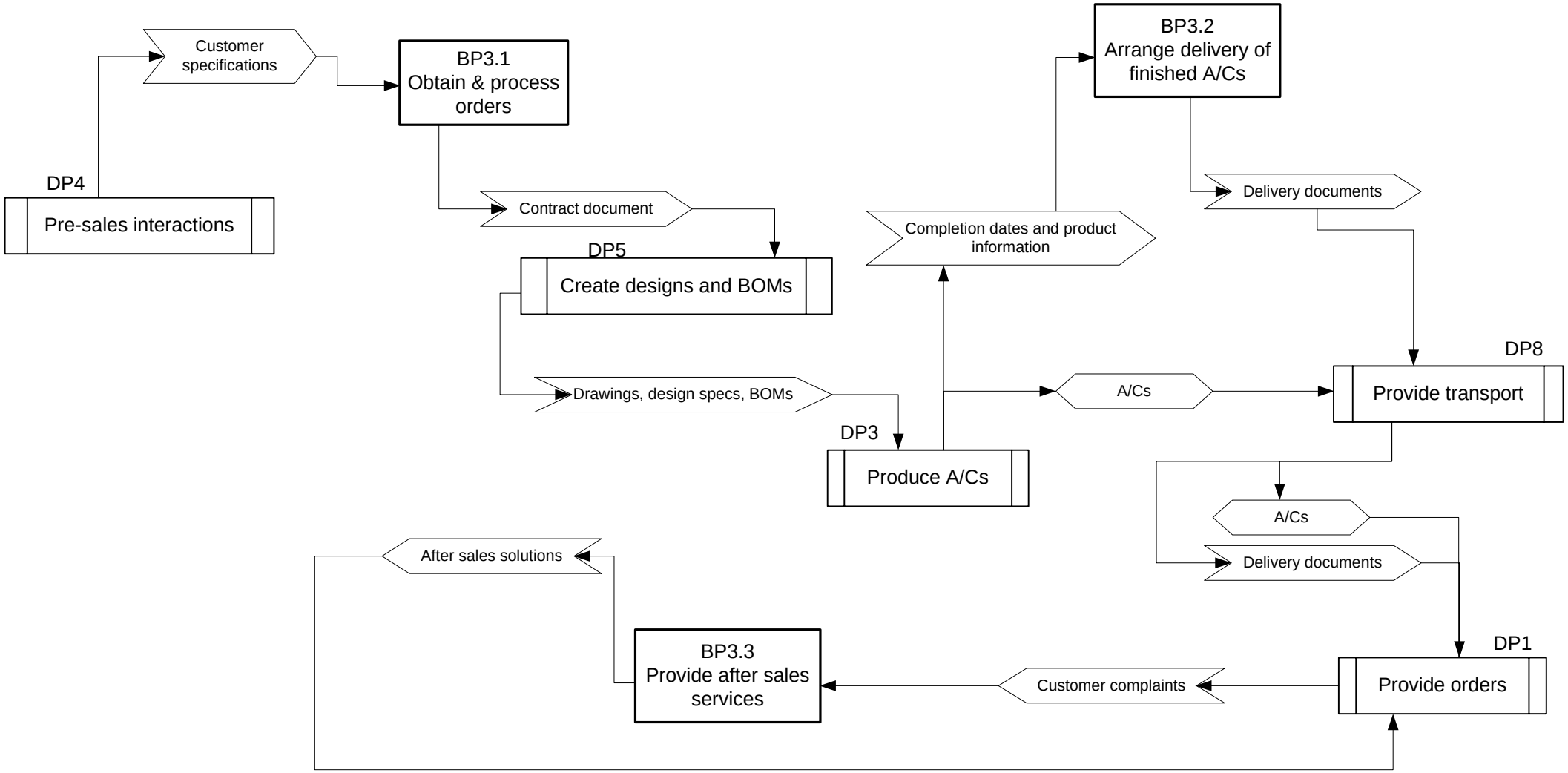
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	top level activity diagram-product realization process		Modelled by: zc	Created: 09/07/08	MSI Research Institute
	Project Title:	Page: 3 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2010-1-22



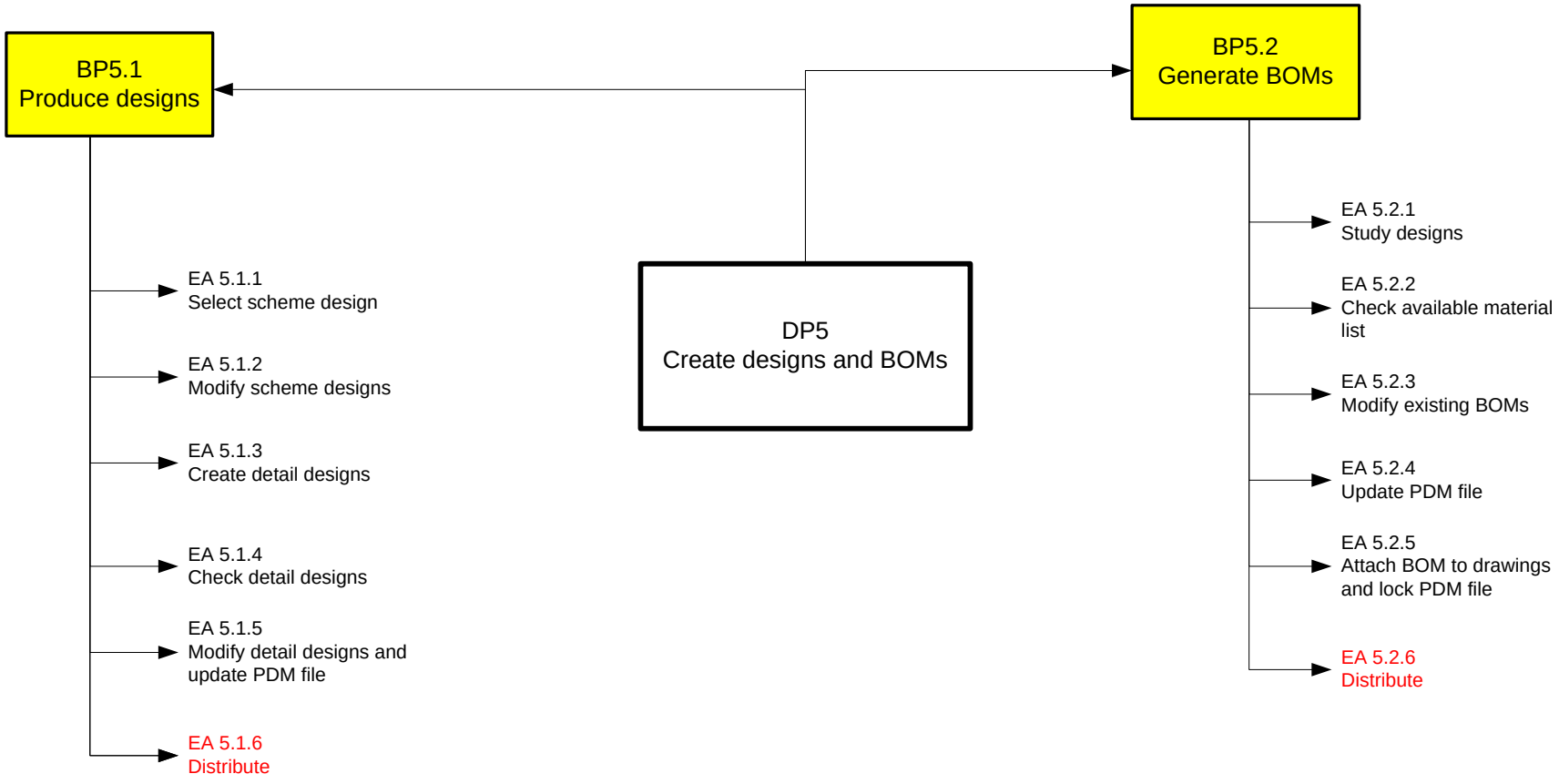
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	structure diagran for sales - structure diagram dp3		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 4 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



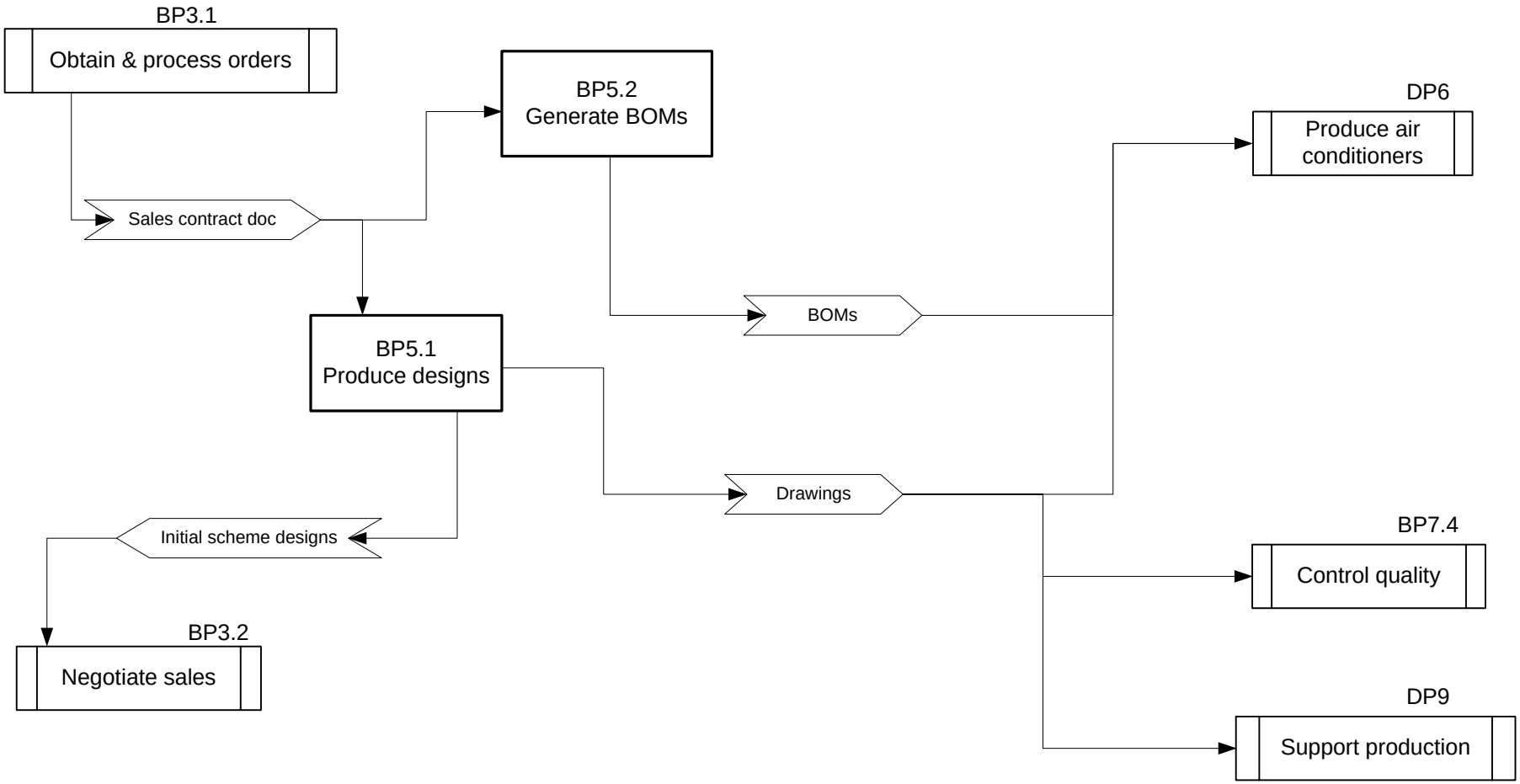
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	sub-interaction diagram for sales dp3		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 5 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



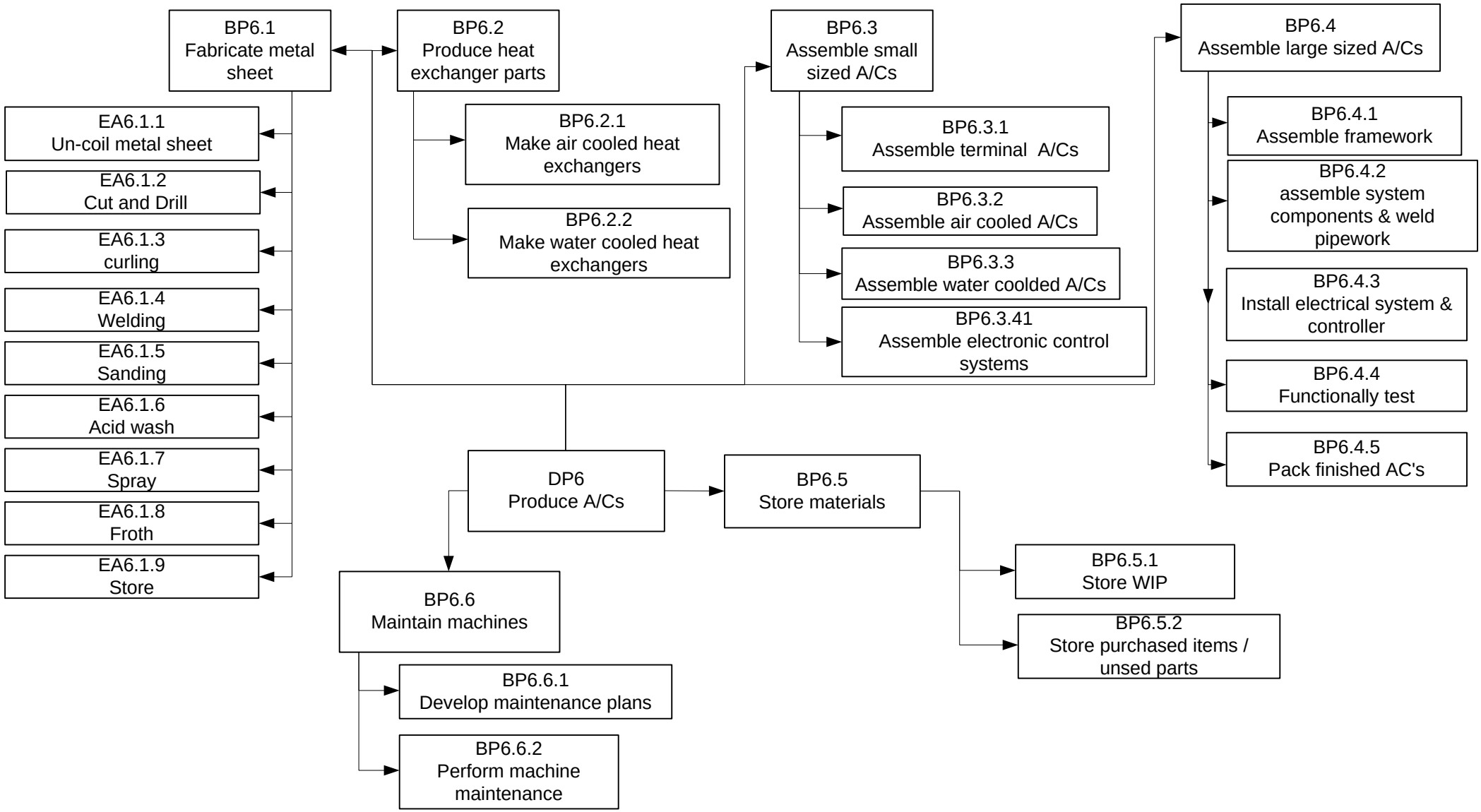
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	structure diagram for design		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 6 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



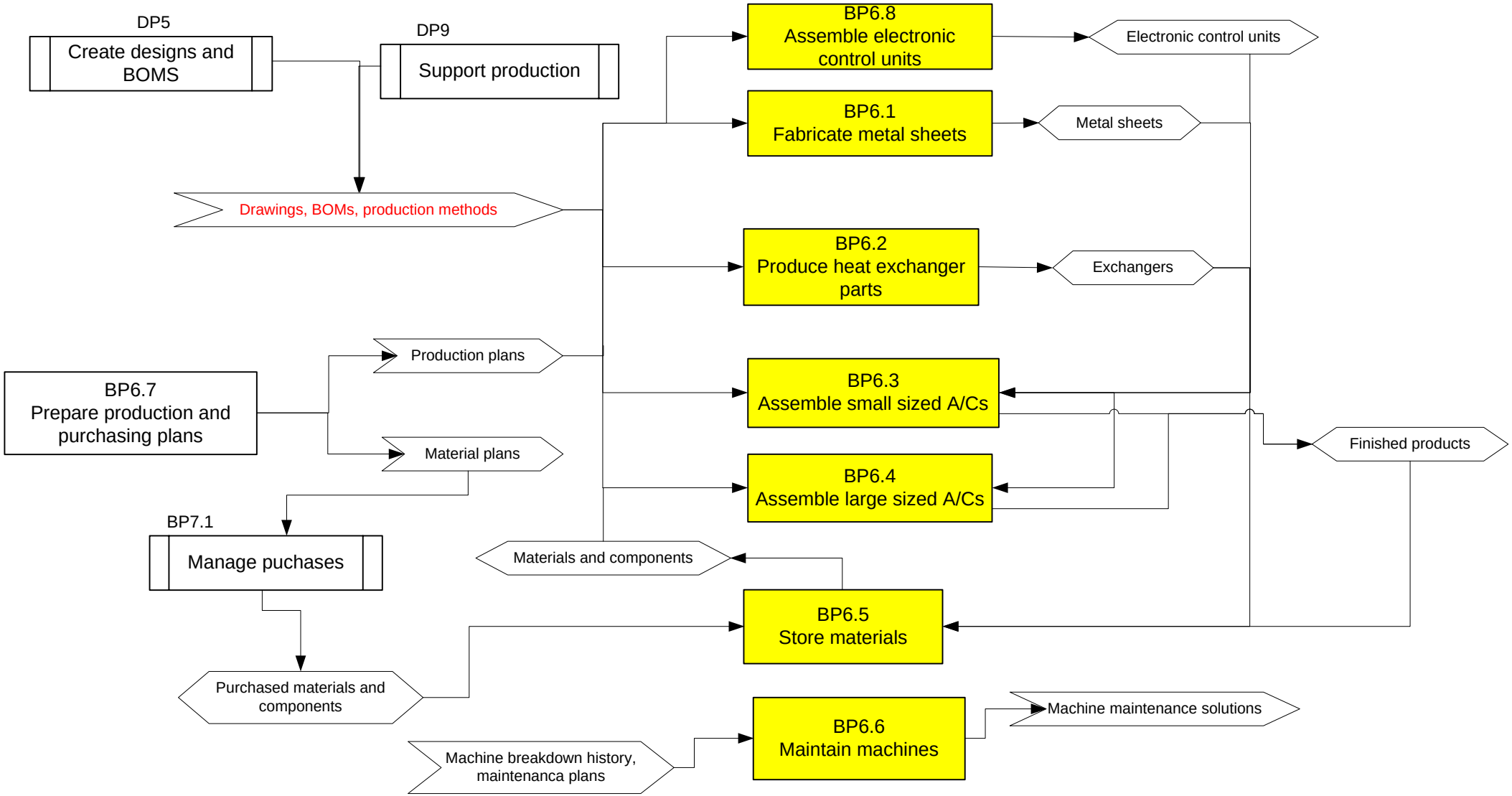
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	sub-interaction diagram for design dp5		Modelled by: Shenling project team	Created: 15/07/08	MSI Research Institute
	Project Title:	Page: 7 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



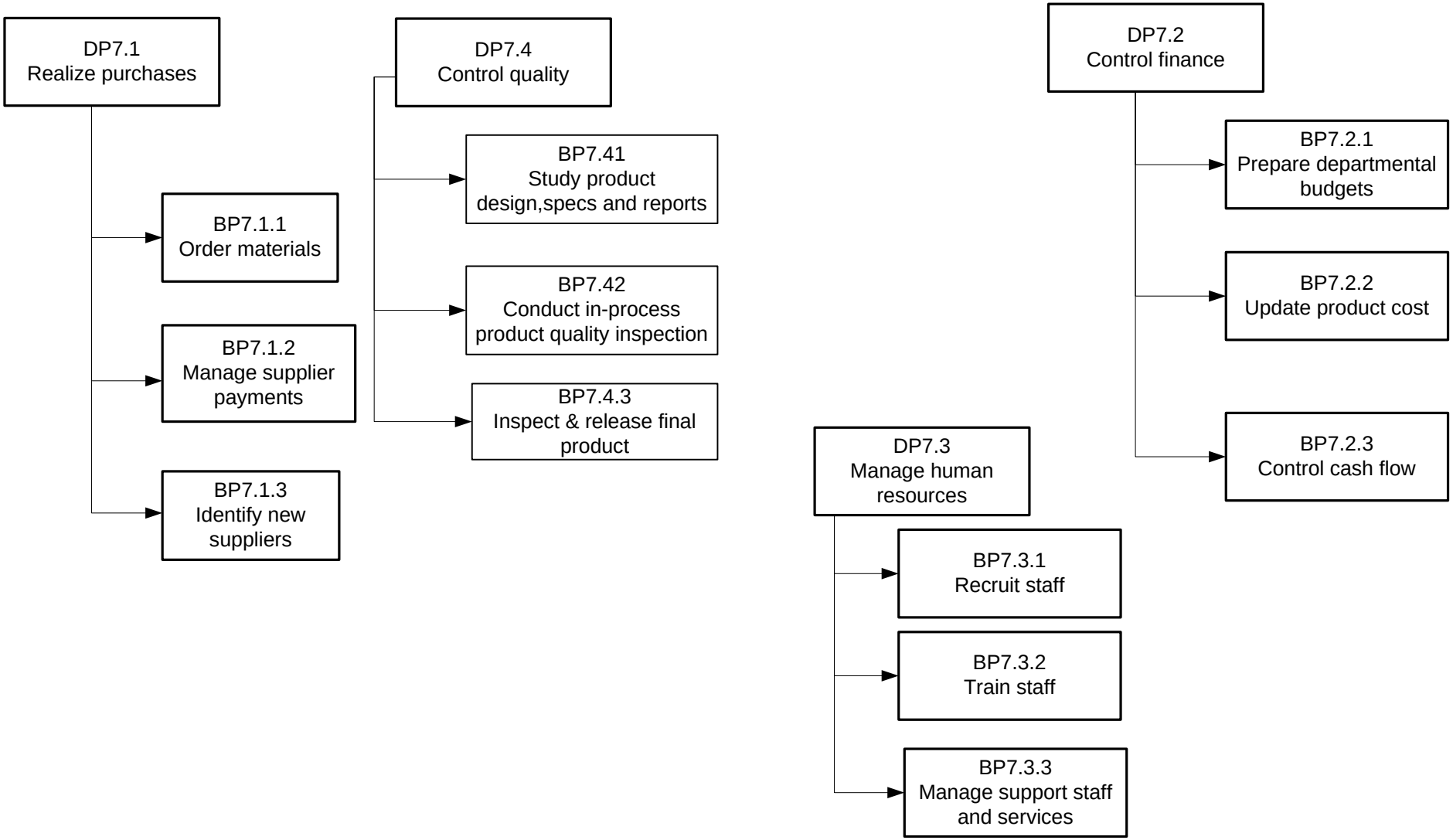
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	structure diagram for production dp6		Modelled by: Shenling project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 8 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2009-4-30



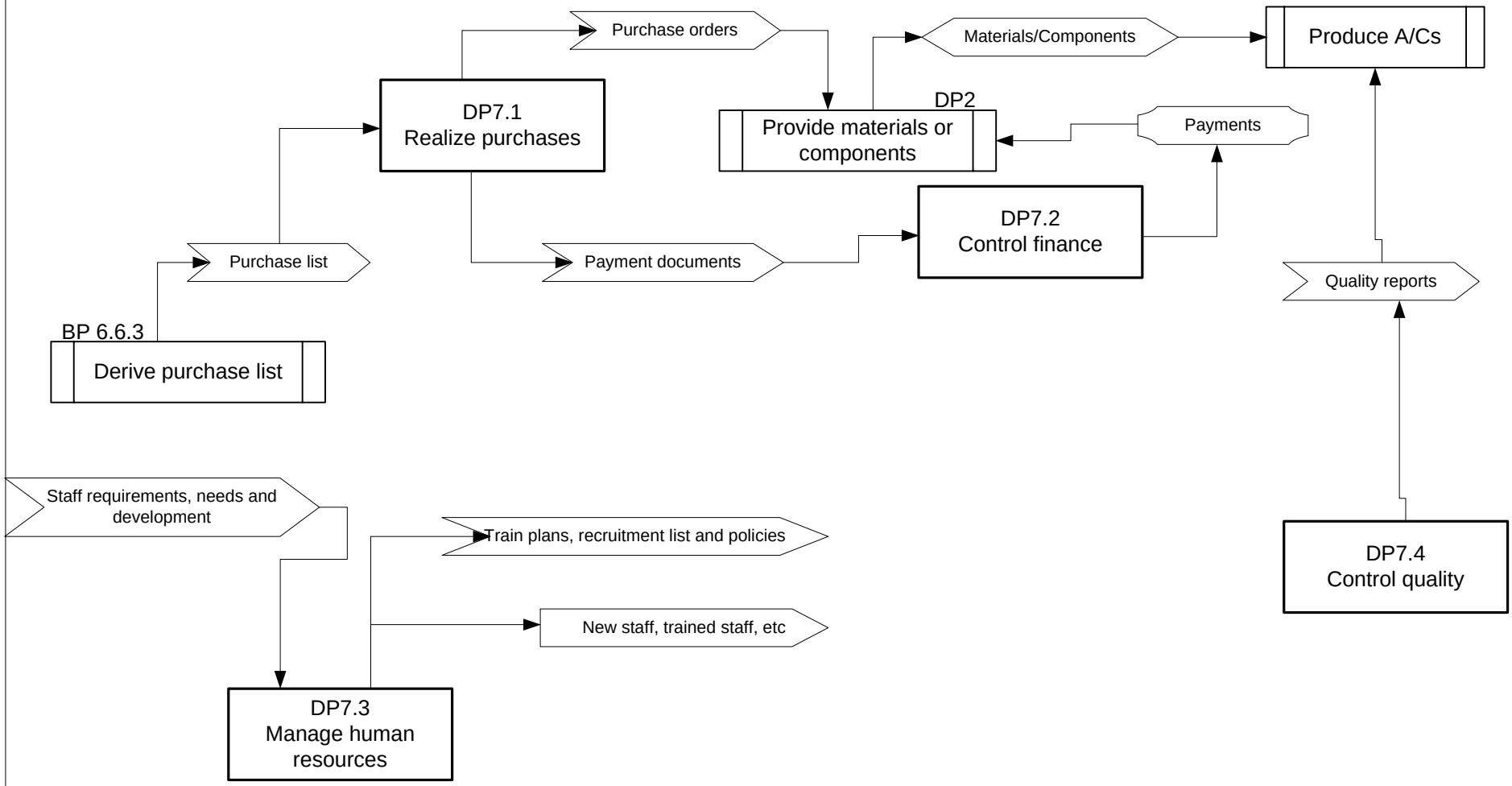
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	sub-interaction diagram for production dp6		Modelled by: Shenling project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 9 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



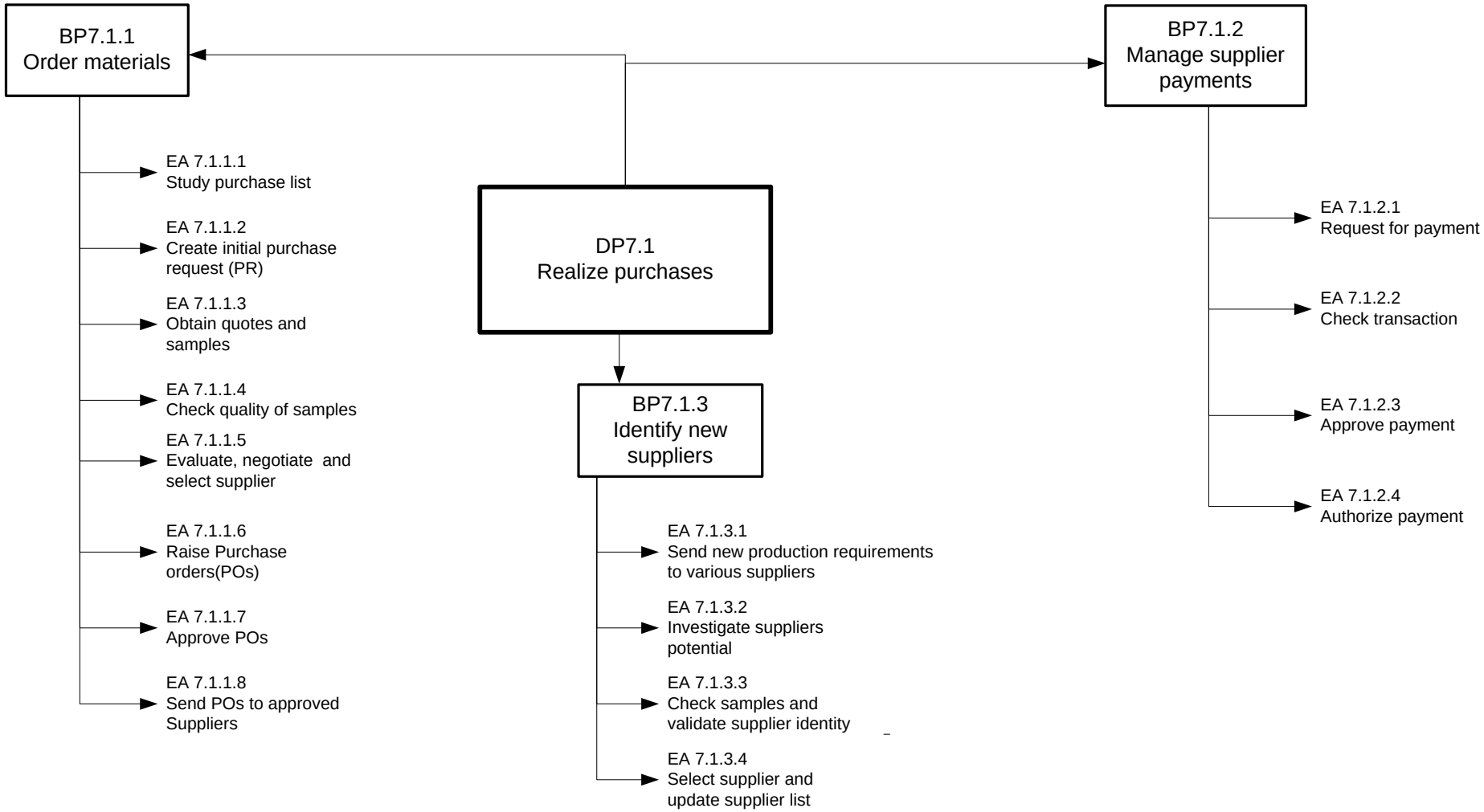
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	structure diagram for manage business dp7		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 10 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



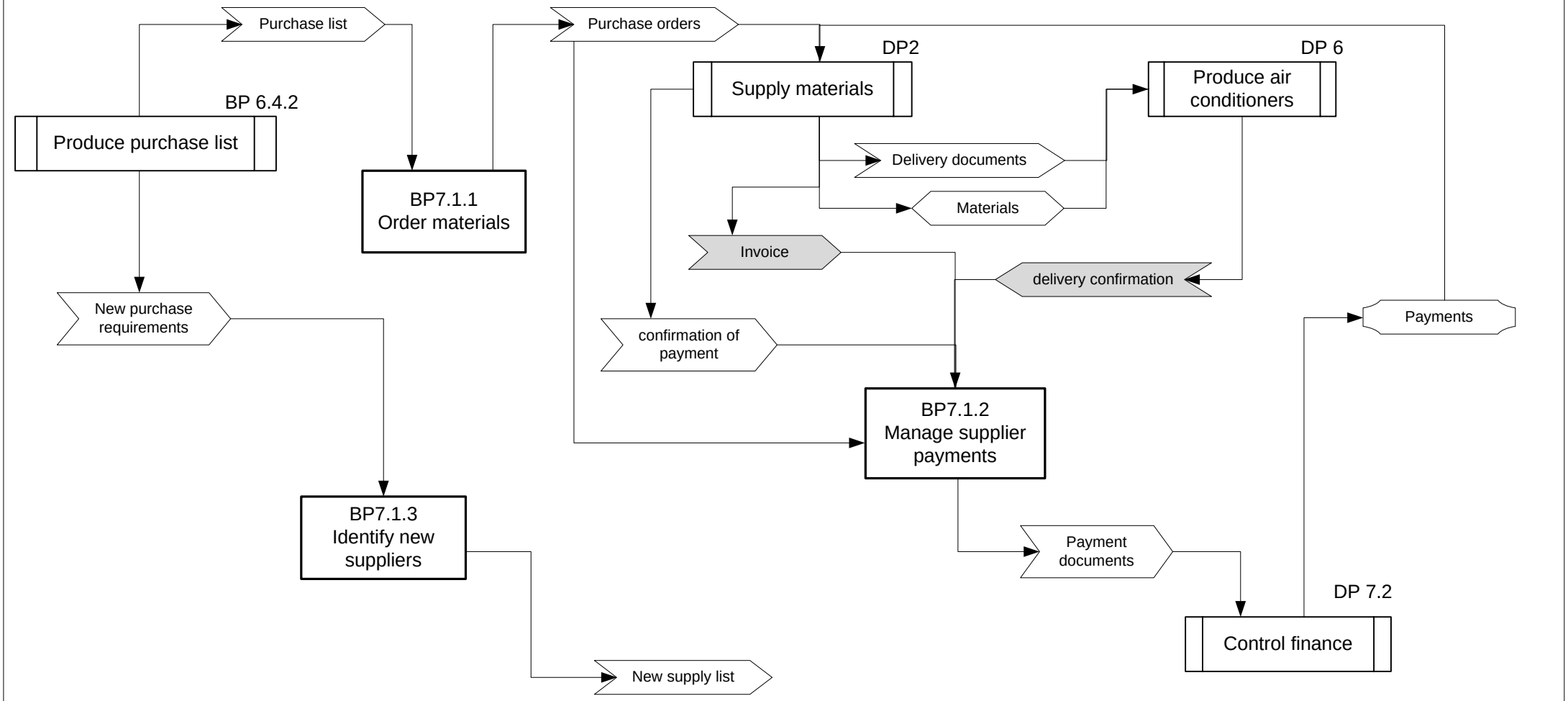
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	sub-interaction diagram for manage business		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 11 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	sucture diagram for purchasing dp7.1		Modelled by: Shenling project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 12 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



General Blocks: CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event

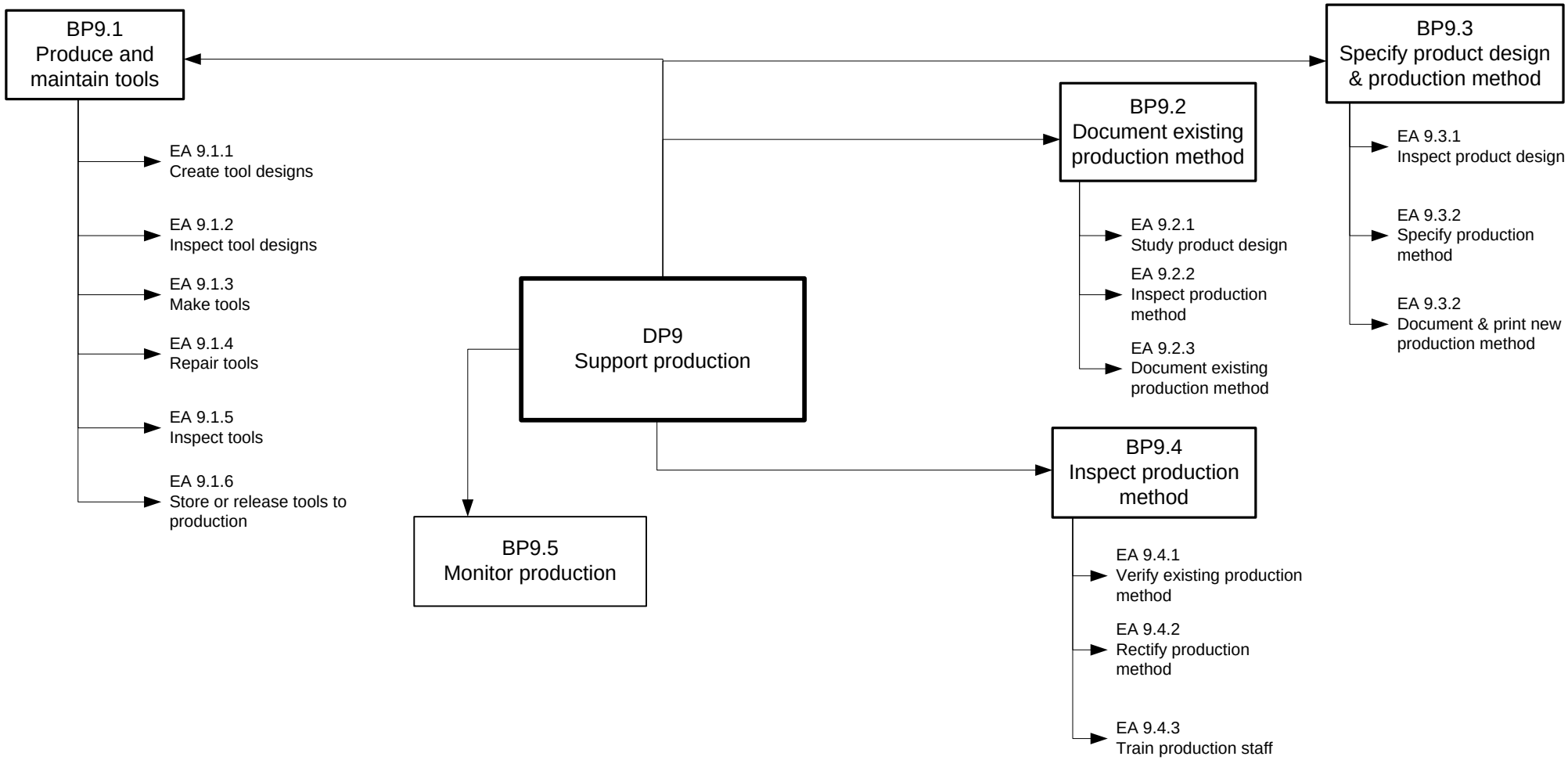
Resources: Information, HR, Physical, Finance

Flow Control Logic: Conditional, OR, AND, Sub-Process, Chained Process, Delay

Flow Type: Flow of Resource, Flow of Process, Alternative Flow

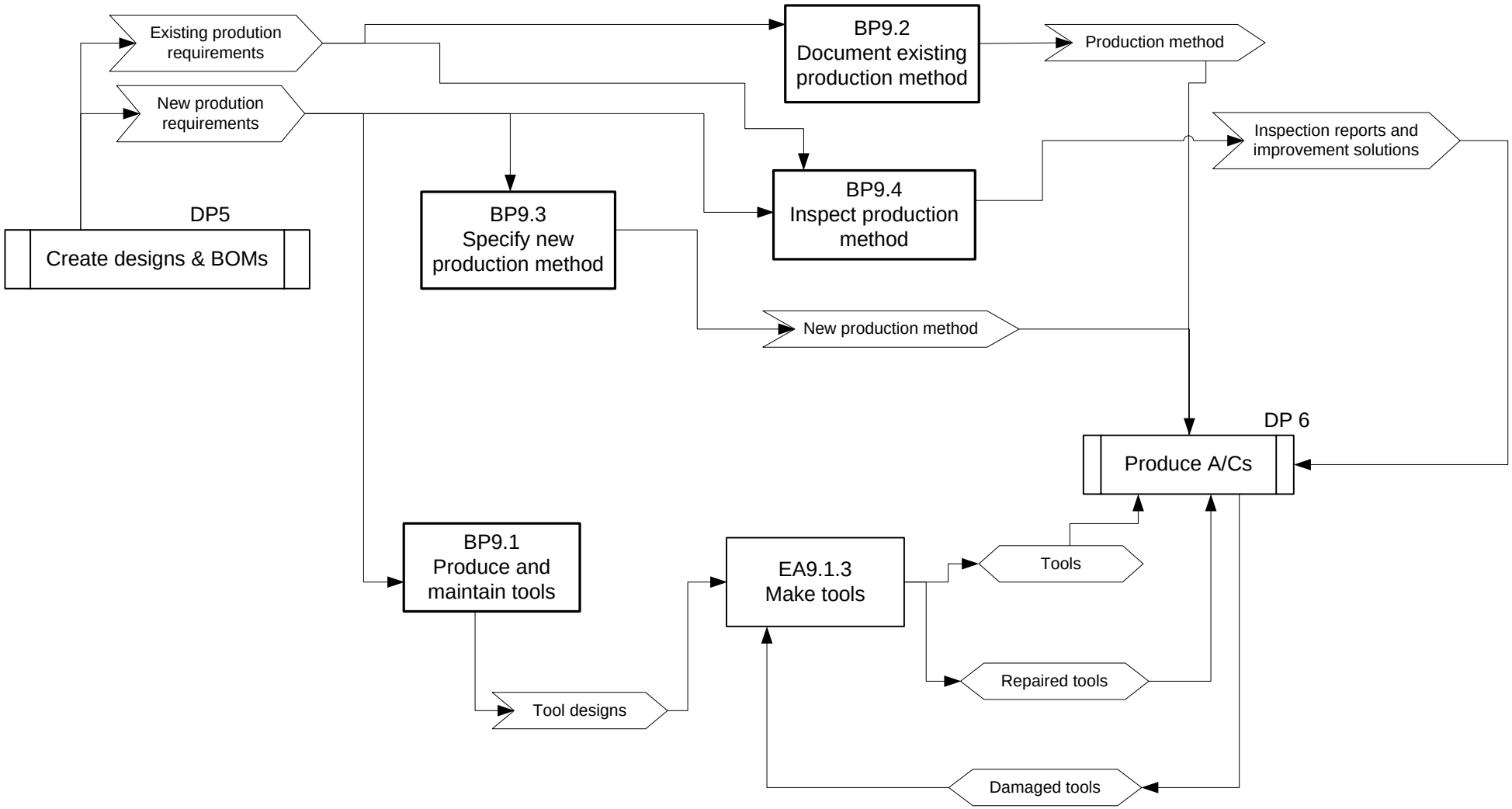
Operation Type: Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	sub-interaction diagram forpurchasing dp 7.3			Modelled by: Shenling project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 13 OF 44	Version: 1	Revised by: KAK/FL/ZC/RHW	Updated: 2008-8-3	



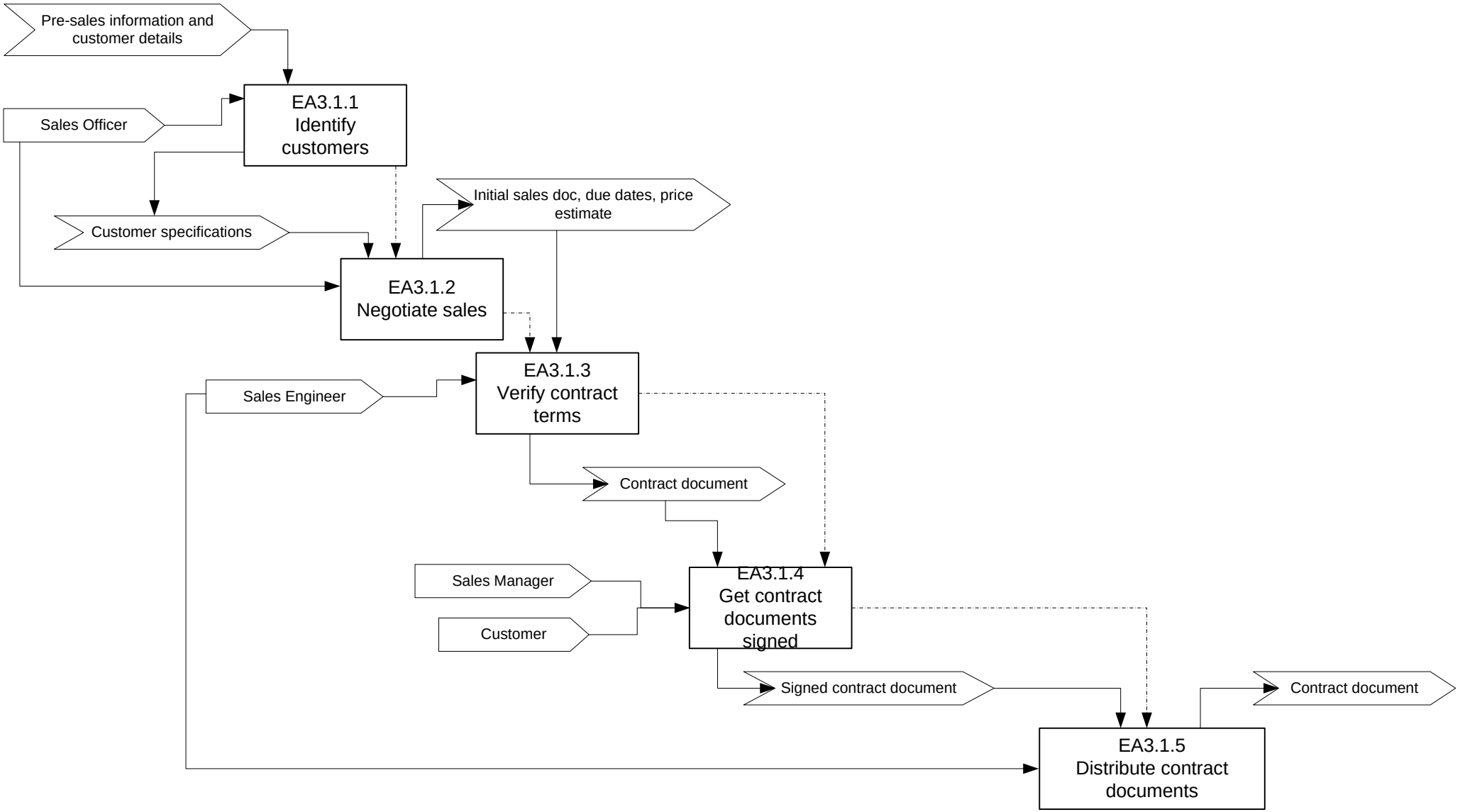
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	structure diagram for support production f dp9		Modelled by: Shenling project team	Created: 15/07/08	MSI Research Institute
	Project Title:	Page: 14 OF 44	Version: 1	Revised by: Z.Cui	Updated: 16/07/2008



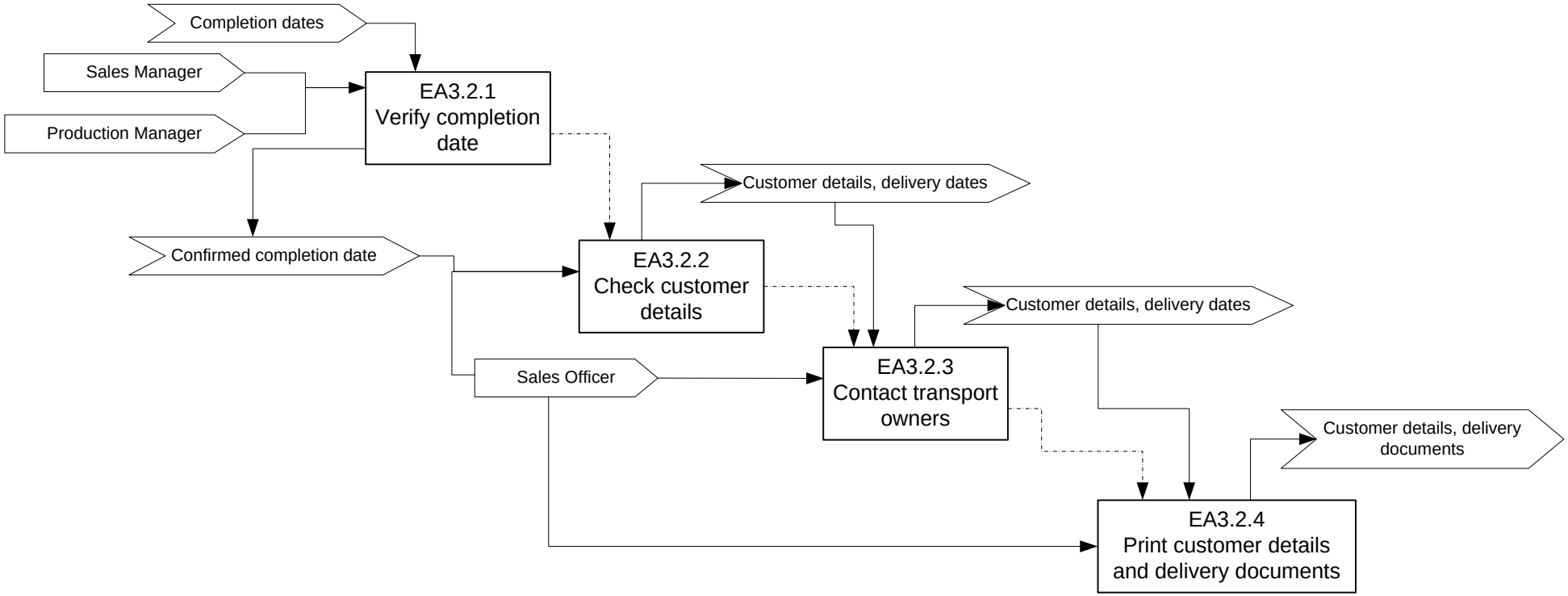
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	sub-interaction diagram for support production dp9		Modelled by: Shenling project team	Created: 15/07/08	MSI Research Institute
	Project Title:	Page: 15 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for sales (part 1) bp3.1		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 16 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



General Blocks: CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event

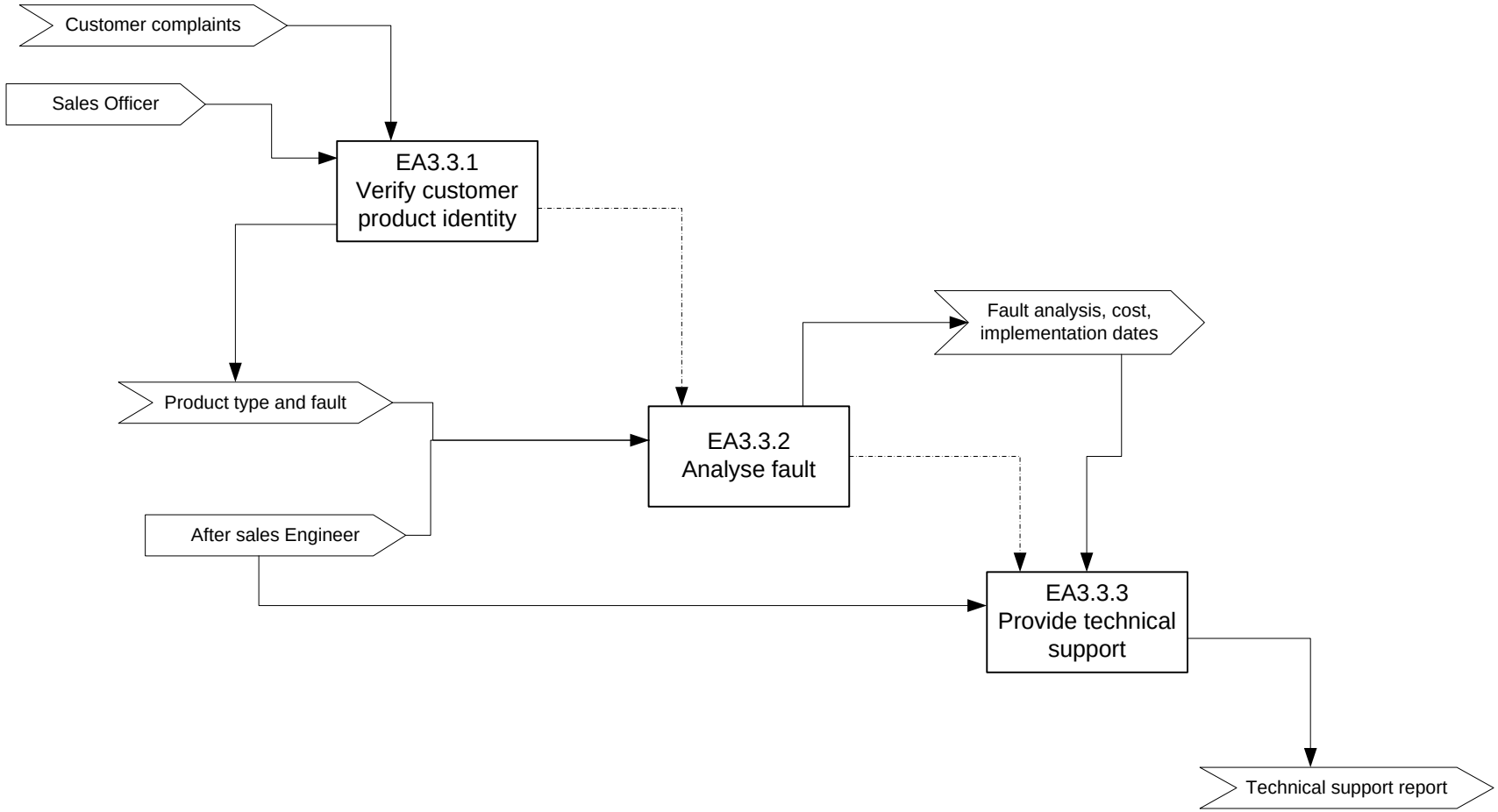
Resources: Information, HR, Physical, Finance

Flow Control Logic: Conditional, OR, AND, Sub-Process, Chained Process, Delay

Flow Type: Flow of Resource, Flow of Process, Alternative Flow

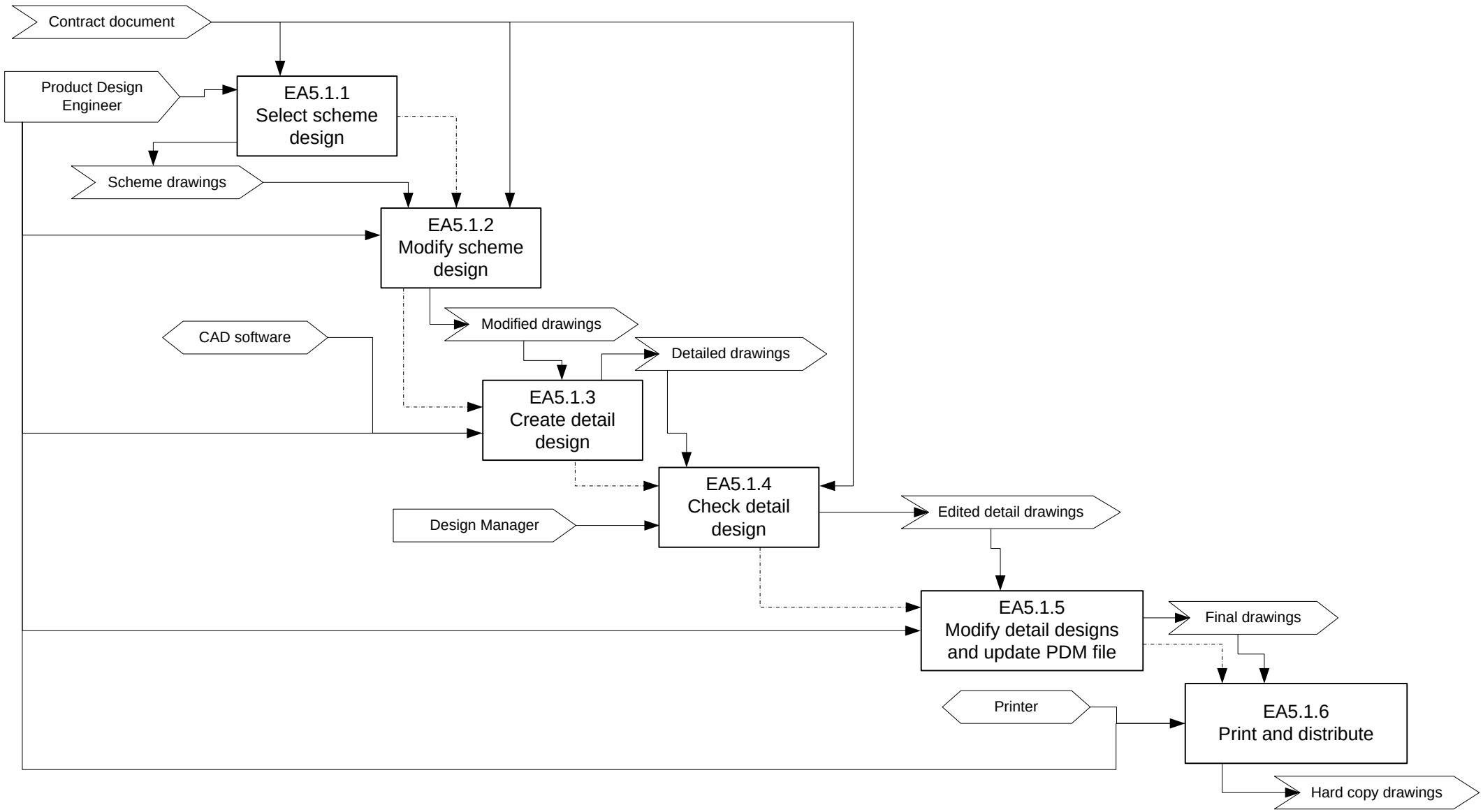
Operation Type: Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for sales (part 2) bp3.2		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 17 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



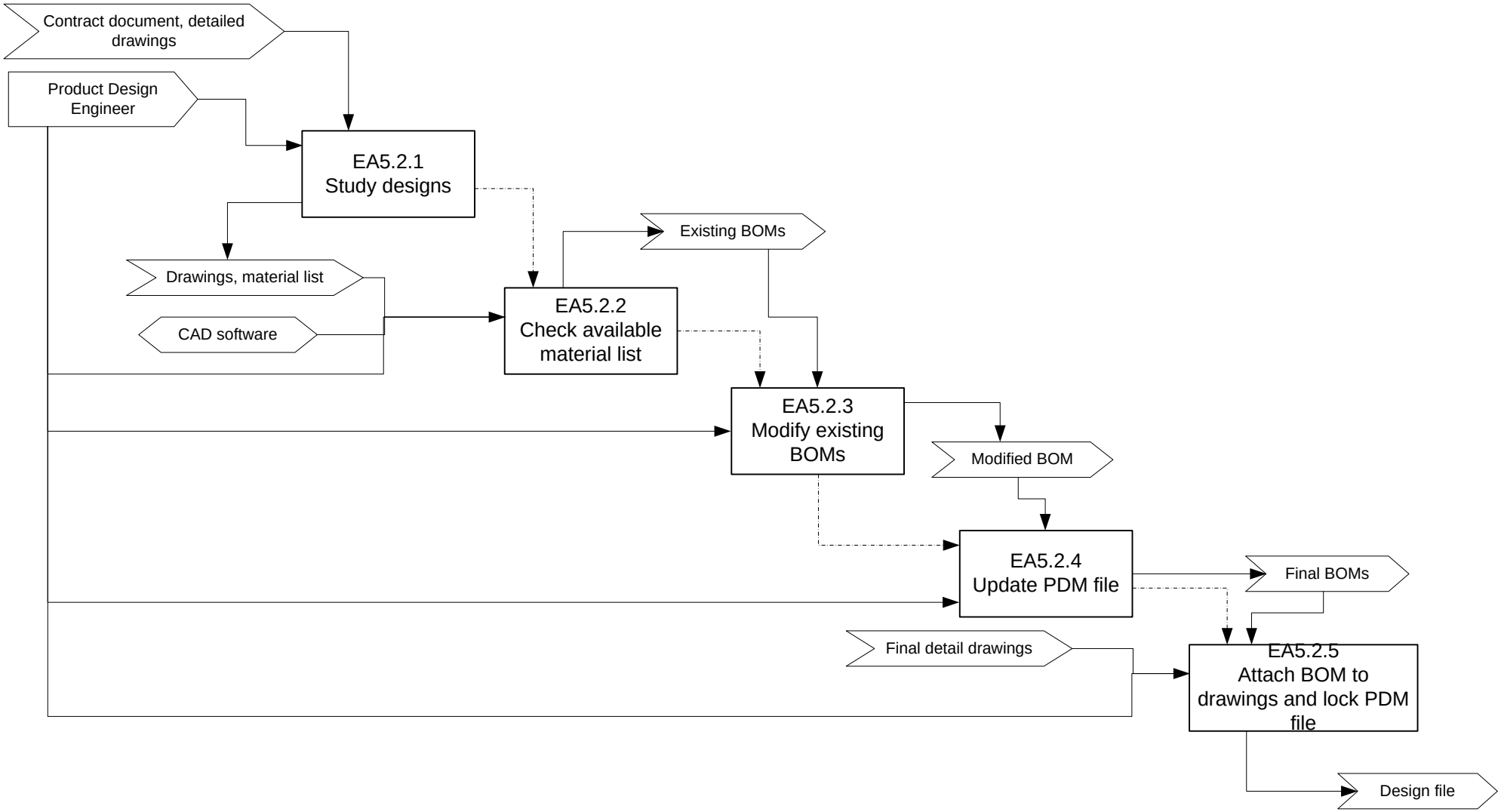
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for sales (part 3) bp3.3		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 18 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for design (part 1) bp5.1		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 19 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



General Blocks: CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event

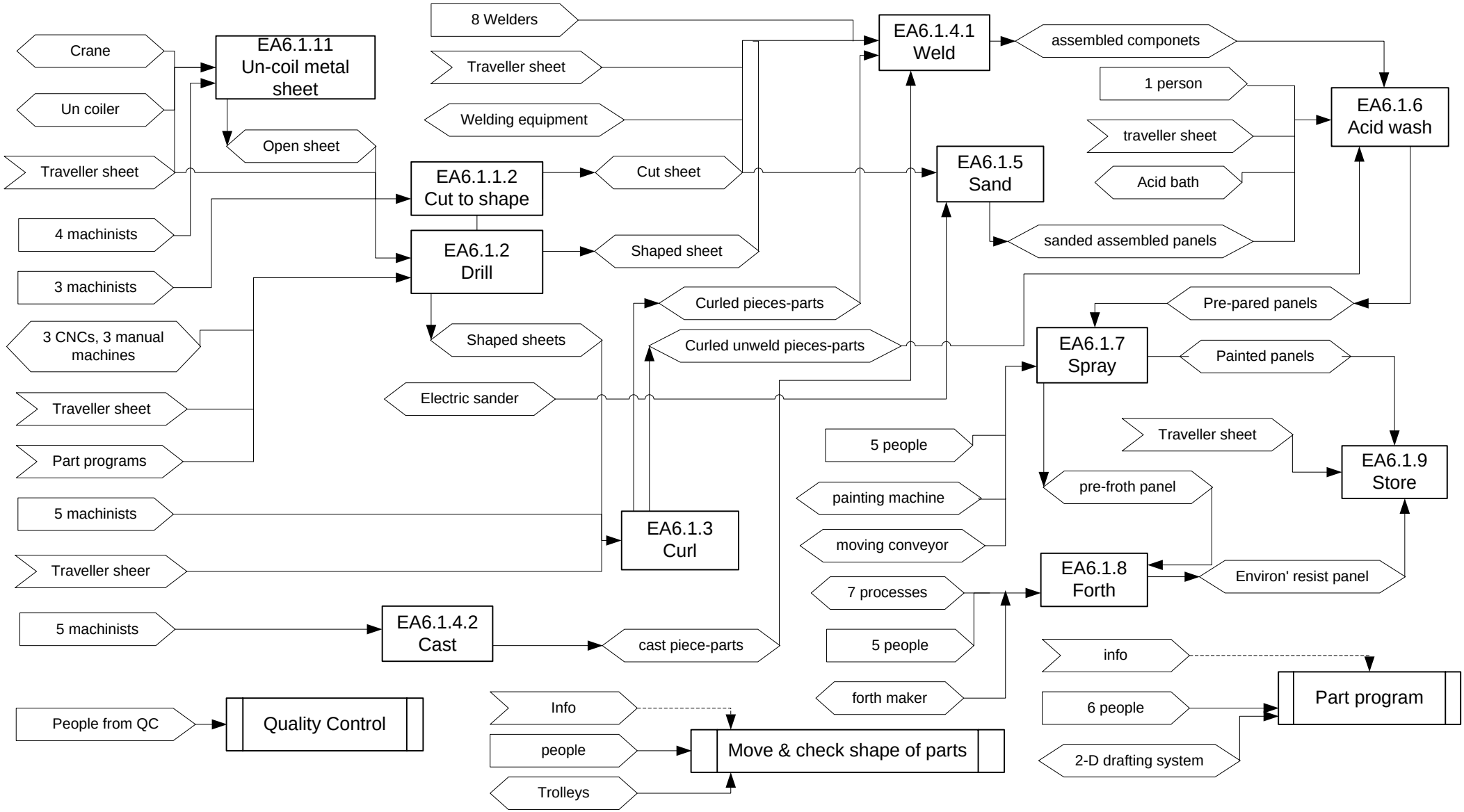
Resources: Information, HR, Physical, Finance

Flow Control Logic: Conditional, OR, AND, Sub-Process, Chained Process, Delay

Flow Type: Flow of Resource, Flow of Process, Alternative Flow

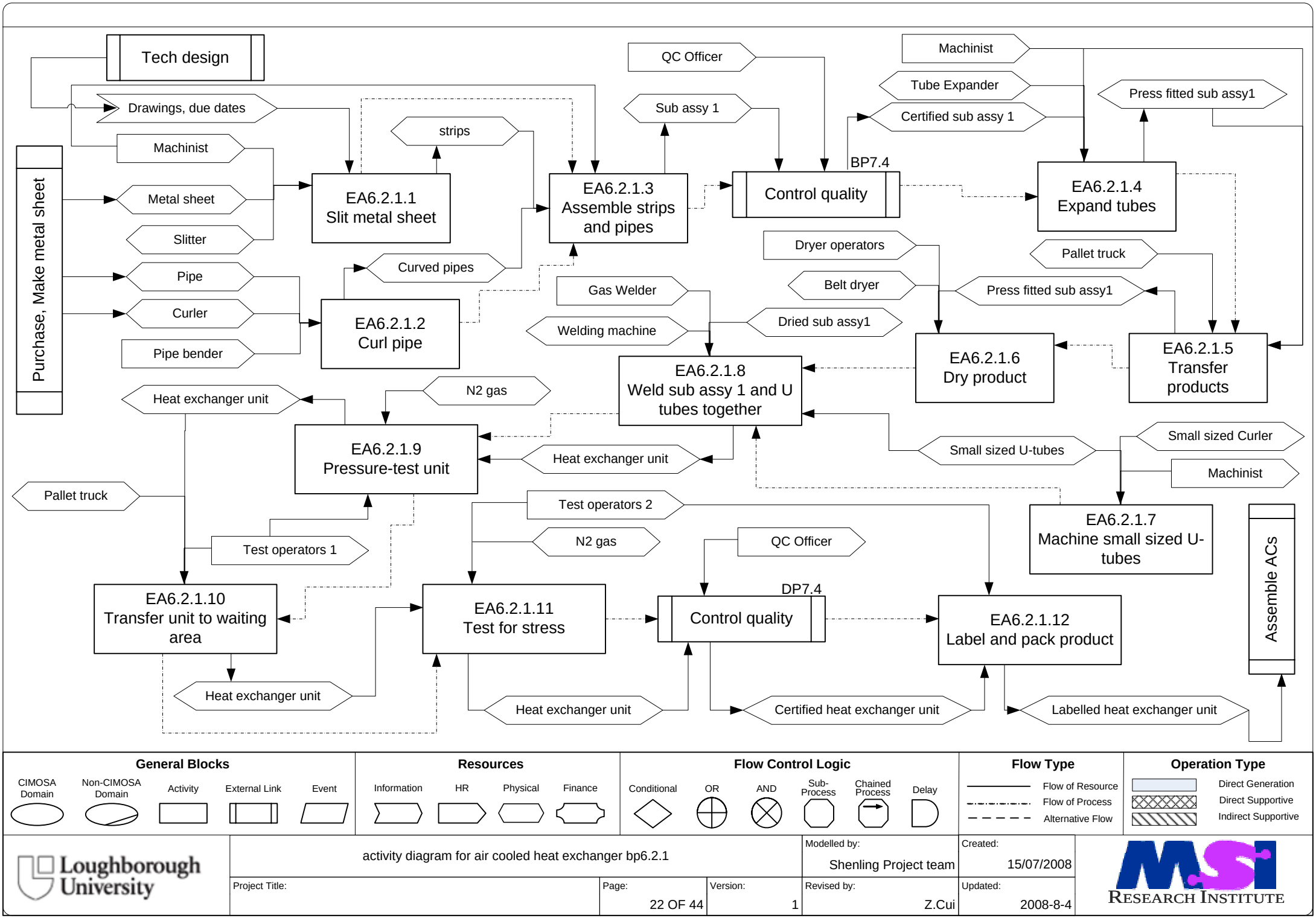
Operation Type: Direct Generation, Direct Supportive, Indirect Supportive

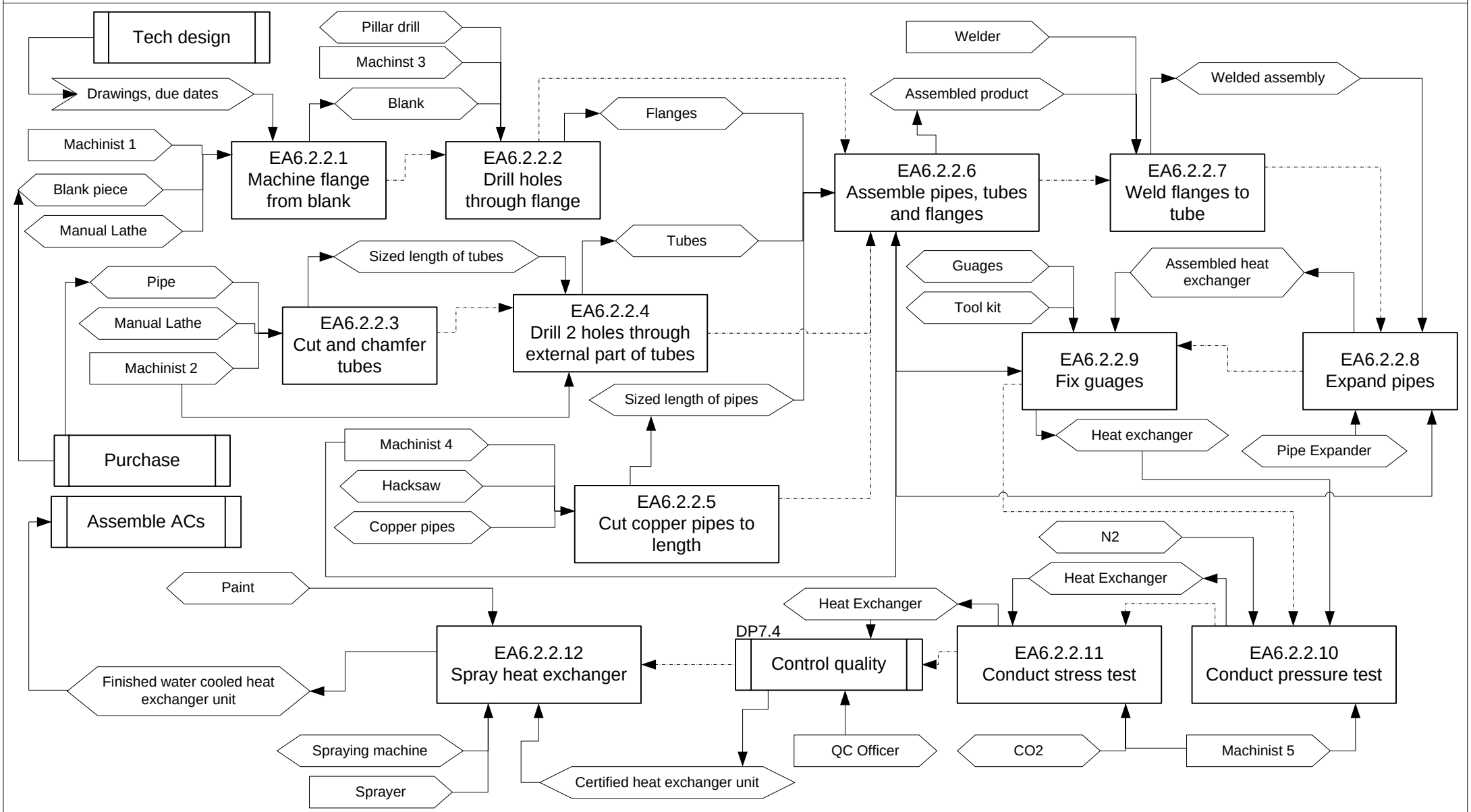
Loughborough University	activity diagram for design (part 2) bp5.2		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 20 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3



General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

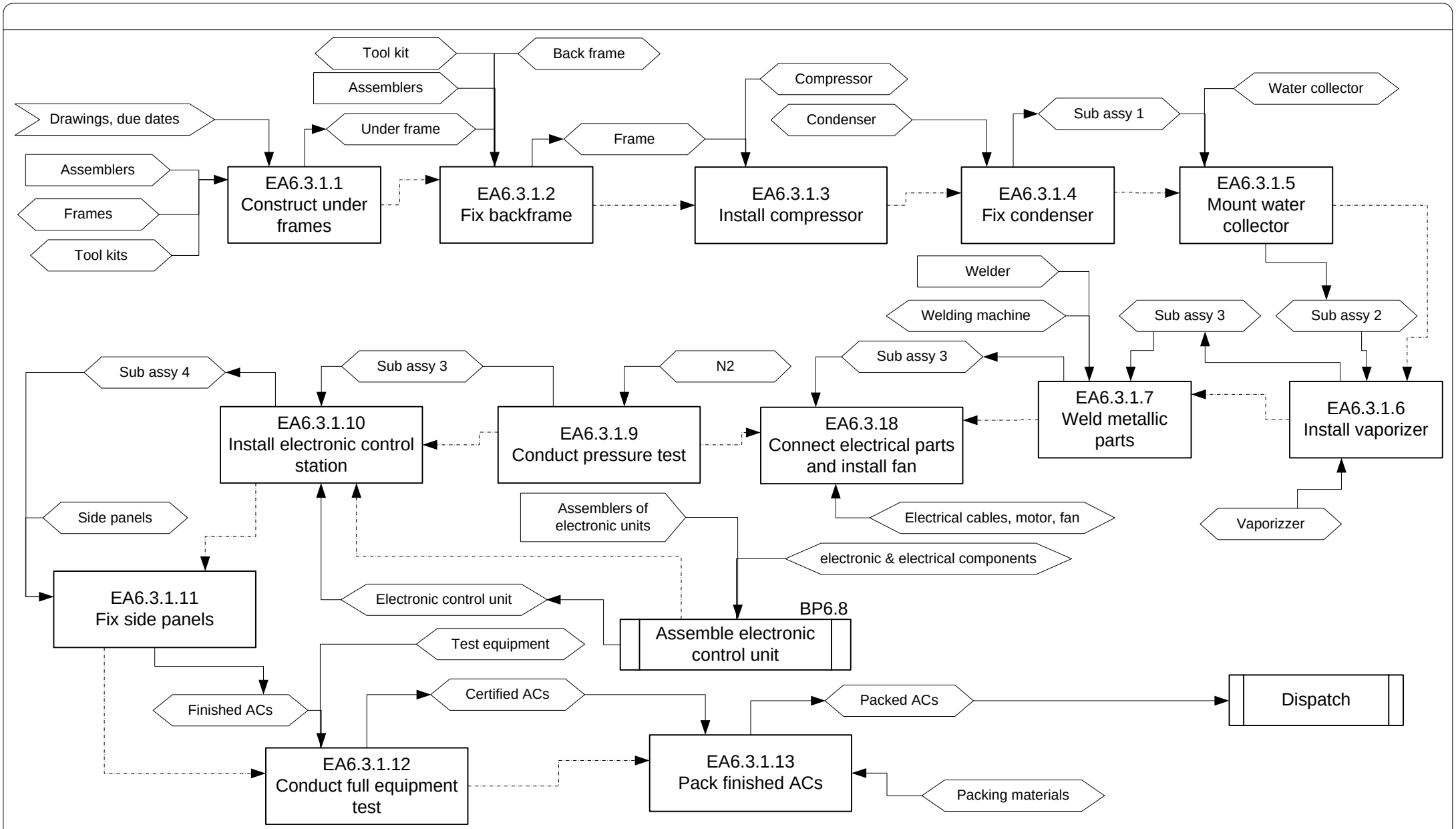
Loughborough University	activity diagram for make metal sheet-bp6.1		Modelled by: Shenling Project team	Created: 09/07/08	MSI Research Institute
	Project Title:	Page: 21 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-3


Tech design
Purchase, Make metal sheet
Drawings, due dates
Machinist
Metal sheet
Slitter
Pipe
Curler
Pipe bender
EA6.2.1.1
Slit metal sheet
strips
Curved pipes
EA6.2.1.2
Curl pipe
QC Officer
Sub assy 1
EA6.2.1.3
Assemble strips and pipes
Gas Welder
Welding machine
Machinist
Tube Expander
Certified sub assy 1
BP7.4
Control quality
Dryer operators
Belt dryer
Dried sub assy1
EA6.2.1.4
Expand tubes
Press fitted sub assy1
Pallet truck
Press fitted sub assy1
EA6.2.1.5
Transfer products
EA6.2.1.6
Dry product
EA6.2.1.8
Weld sub assy 1 and U tubes together
Heat exchanger unit
N2 gas
EA6.2.1.9
Pressure-test unit
Heat exchanger unit
Small sized U-tubes
Small sized Curler
Machinist
EA6.2.1.7
Machine small sized U-tubes
Pallet truck
Test operators 1
Test operators 2
N2 gas
QC Officer
DP7.4
Control quality
EA6.2.1.10
Transfer unit to waiting area
EA6.2.1.11
Test for stress
EA6.2.1.12
Label and pack product
Assemble ACs
Heat exchanger unit
Heat exchanger unit
Certified heat exchanger unit
Labelled heat exchanger unit
General Blocks
CIMOSA Domain
Non-CIMOSA Domain
Activity
External Link
Event
Resources
Information
HR
Physical
Finance
Flow Control Logic
Conditional
OR
AND
Sub-Process
Chained Process
Delay
Flow Type
Flow of Resource
Flow of Process
Alternative Flow
Operation Type
Direct Generation
Direct Supportive
Indirect Supportive
Loughborough University
activity diagram for air cooled heat exchanger bp6.2.1
Modelled by:
Shenling Project team
Created:
15/07/2008
Project Title:
Page:
22 OF 44
Version:
1
Revised by:
Z.Cui
Updated:
2008-8-4
MSI
RESEARCH INSTITUTE



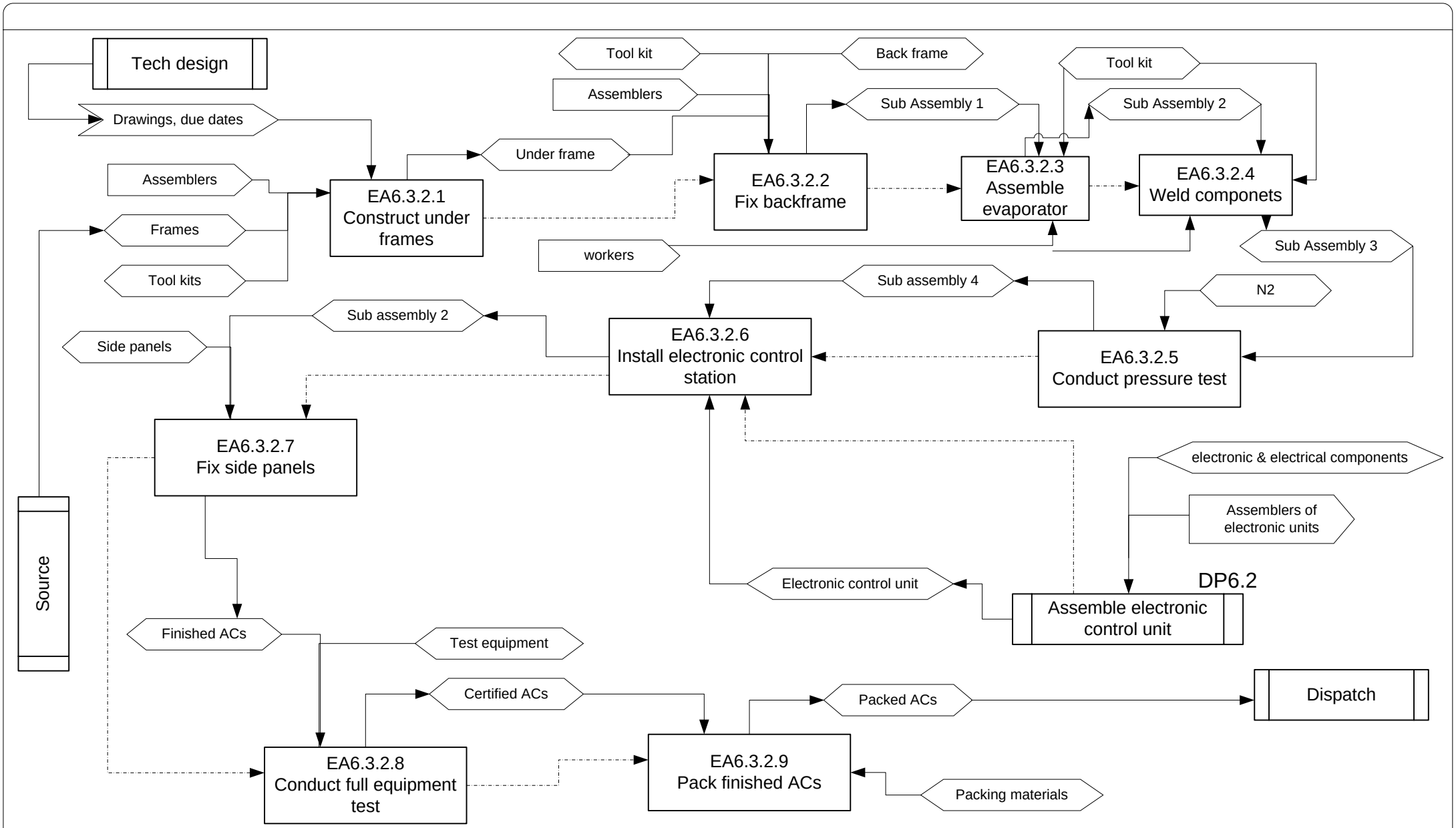
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for make water cooled heat exchanger bp 6.2.2		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title: Shenling Air-Conditioning Equipment Co.Ltd Project	Page: 23 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4



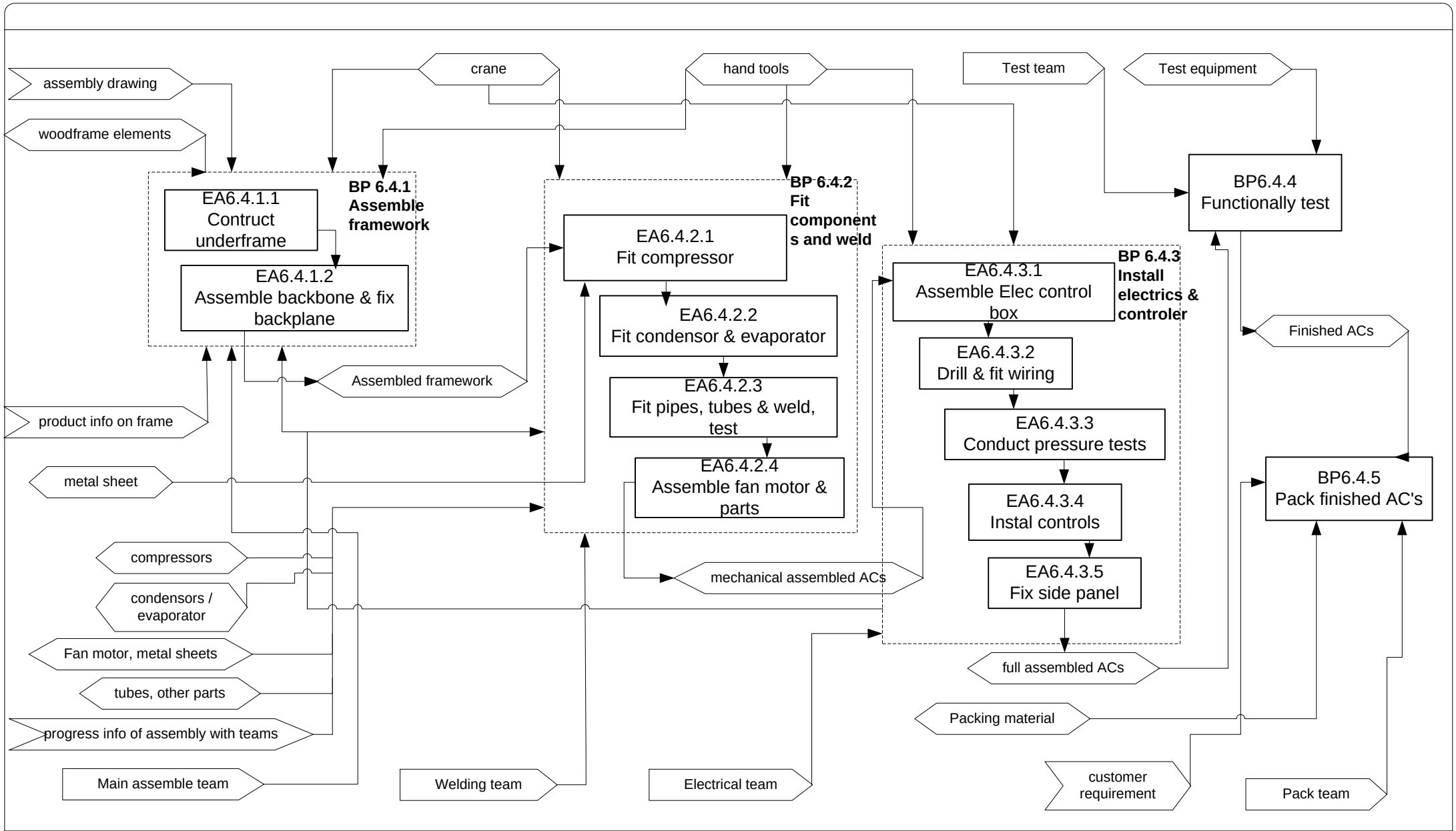
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for assemble small size water cool ACs-bp 6.3.1		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 24 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4



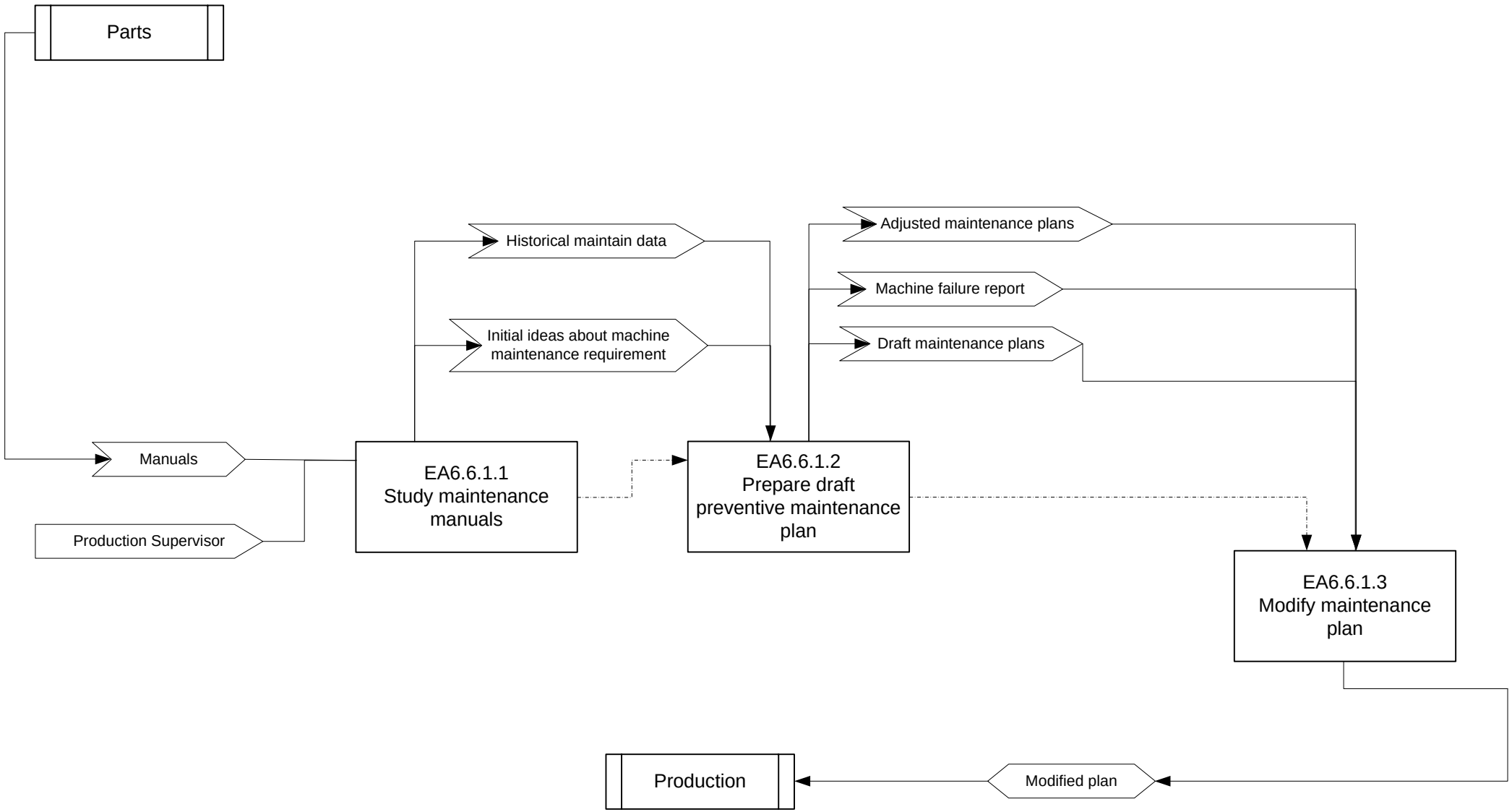
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for assemble small size air cool acs-bp 6.3.2		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 25 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4



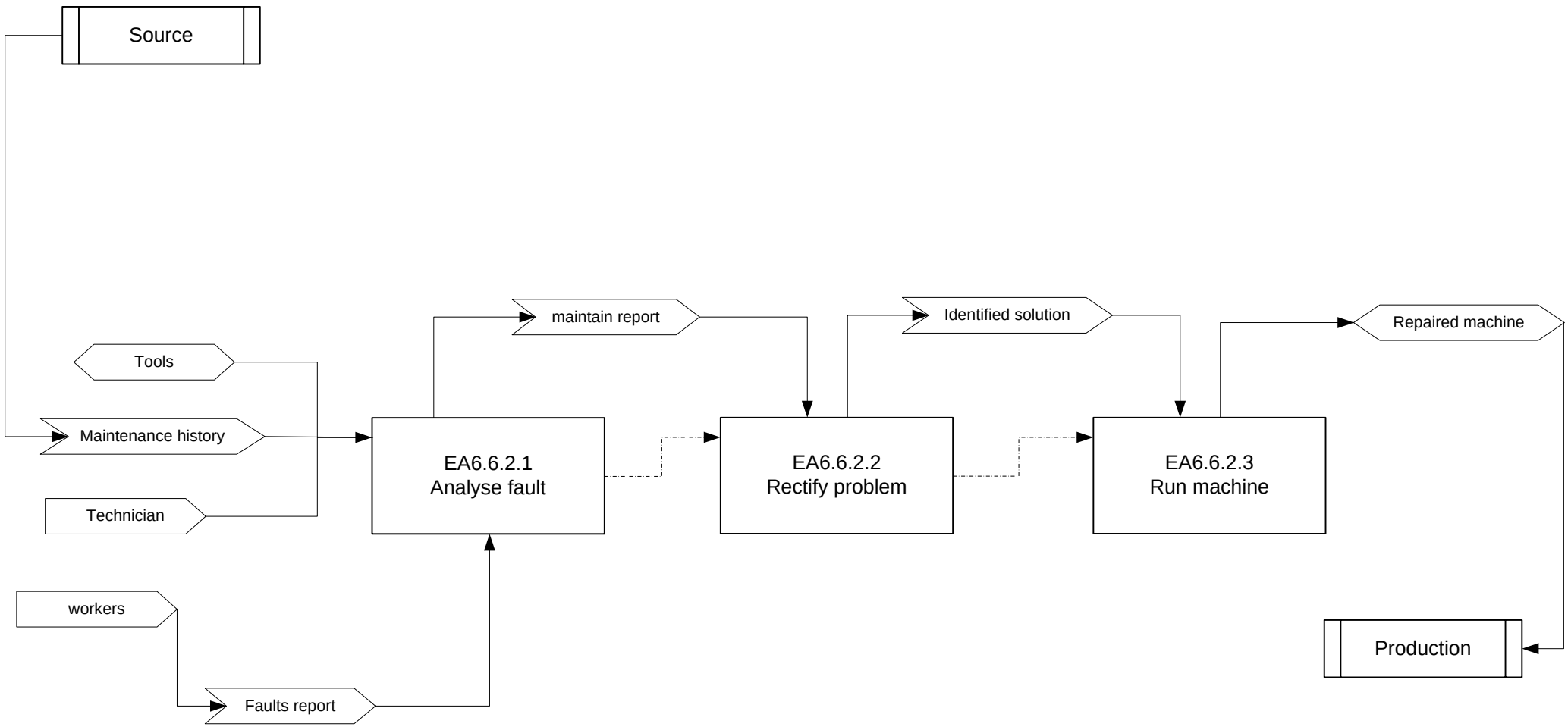
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for assemble large size ACs-bp6.4		Modelled by: Shenling Project team	Created: 20/07/08	MSI Research Institute
	Project Title:	Page: 26 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2009-4-30



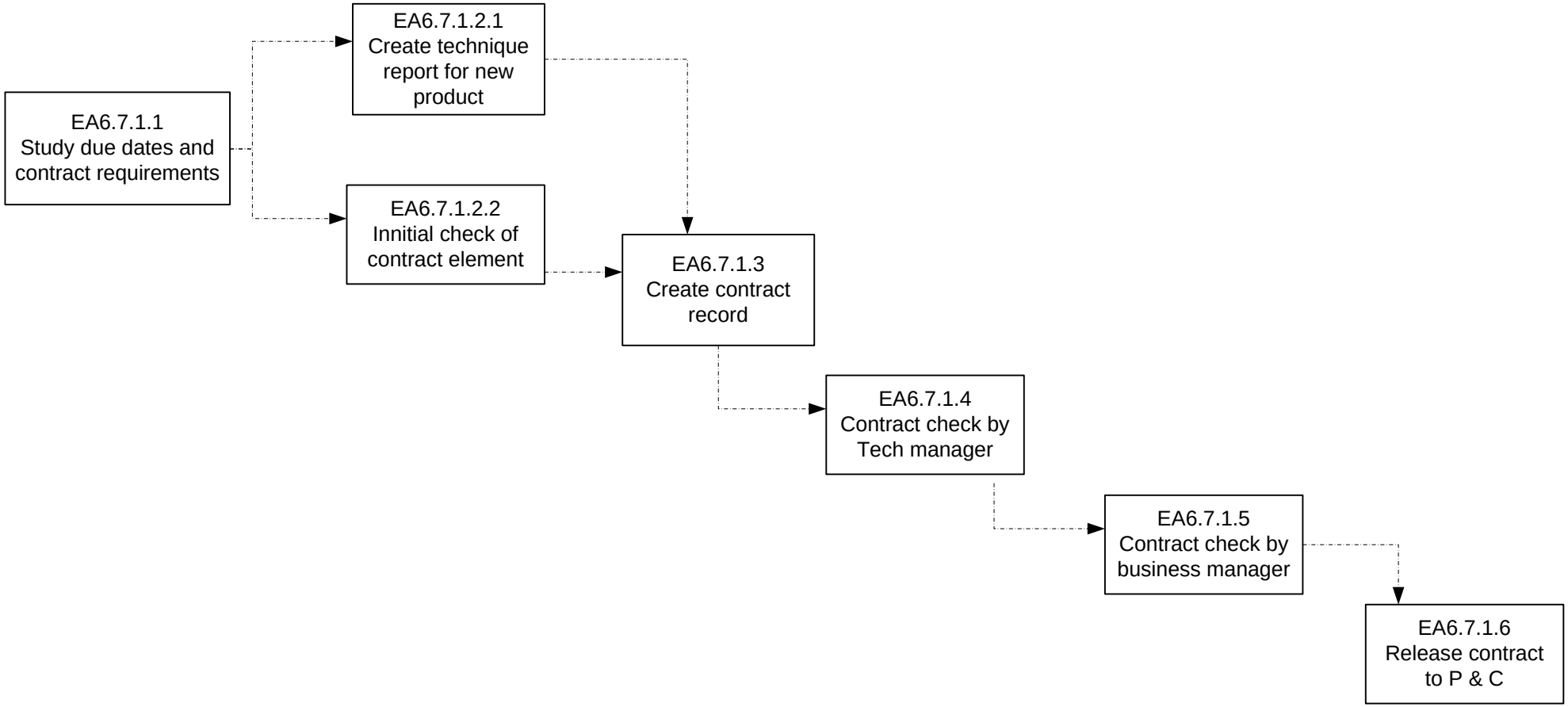
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for develop maintenance plan-bp6.6.1		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 27 OF 44	Version: 1	Revised by: Z.Cui	Updated: 28/07/08



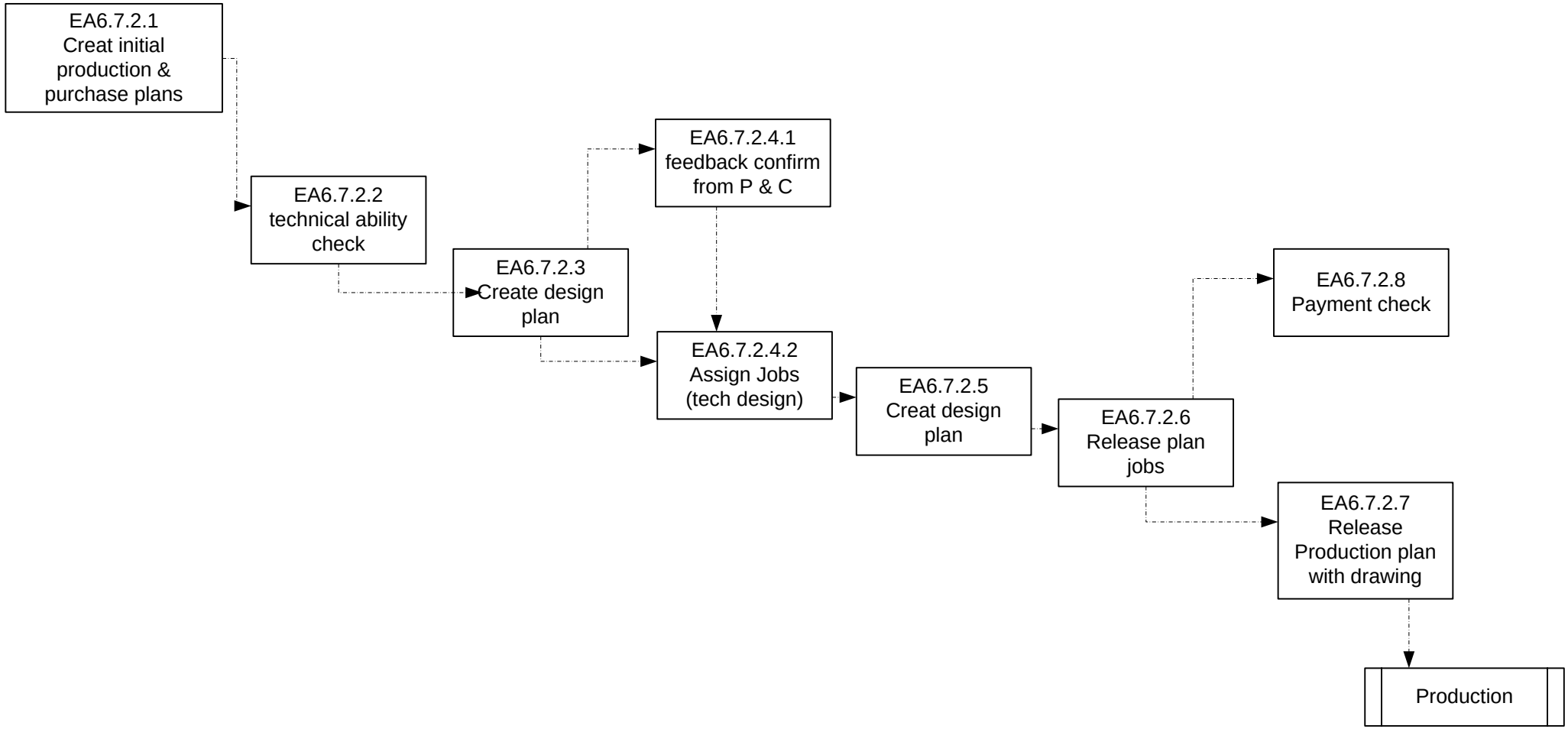
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for machine matenance-bp6.6.2		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 28 OF 44	Version: 1	Revised by: Z.Cui	Updated: 28/07/08



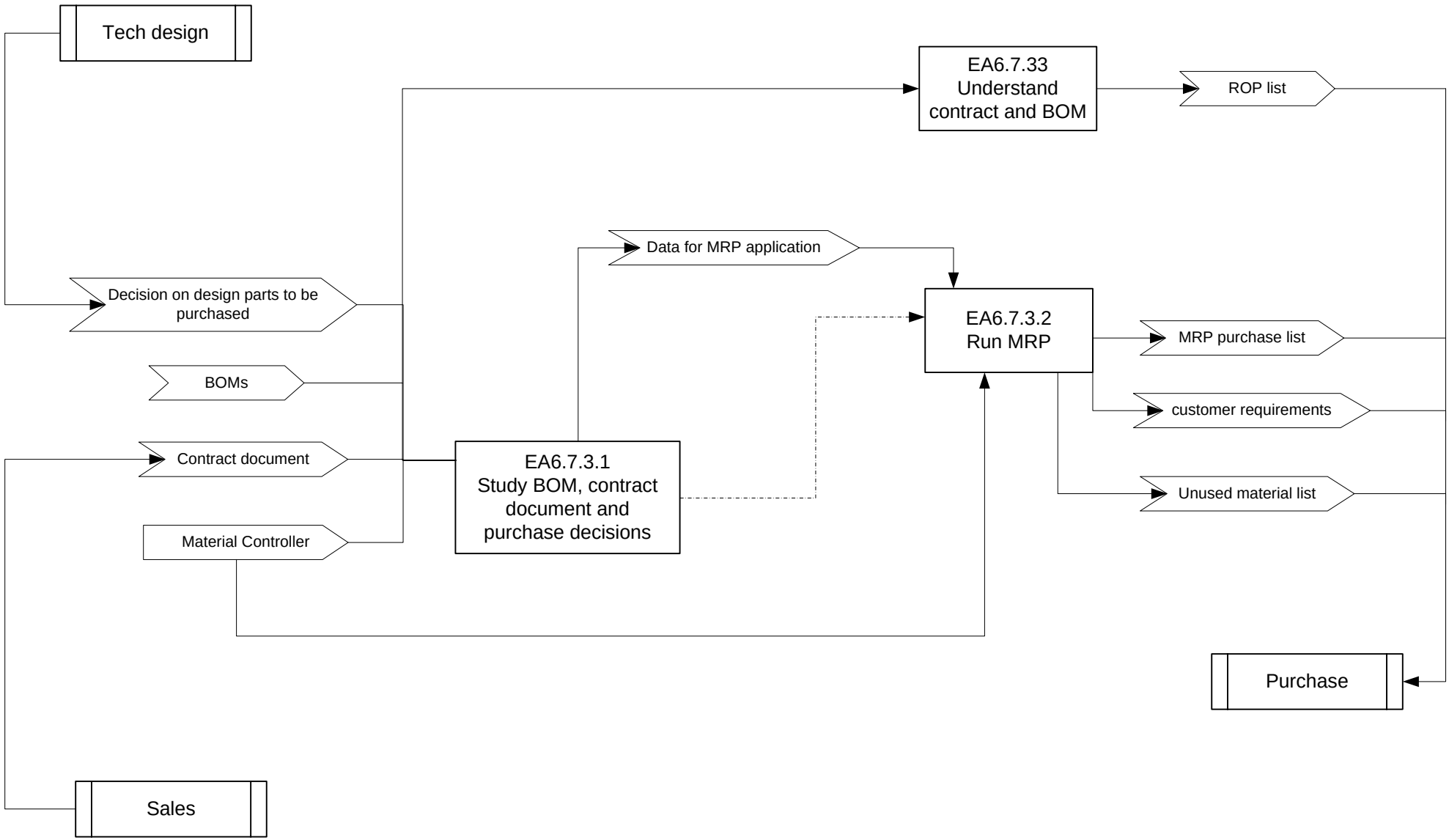
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for transfer cunstomer orders to production plan-bp6.7.1			Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 29 OF 44	Version: 1	Revised by: Z.Cui	Updated: 26/07/08	



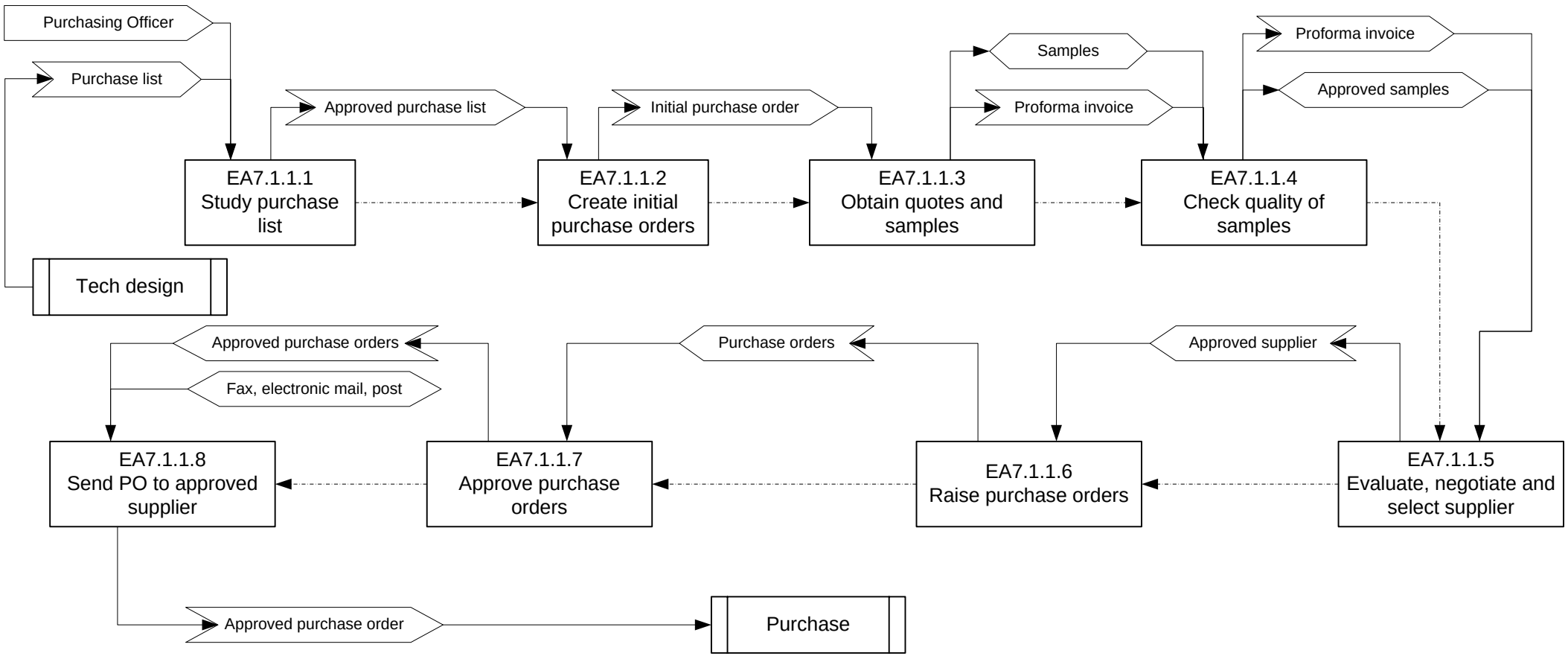
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for modify production plan bp6.7.2		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 30 OF 44	Version: 1	Revised by: Z.Cui	Updated: 26/07/08



General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for creat purchase list-bp6.7.3		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 31 OF 44	Version: 1	Revised by: Z.Cui	Updated: 28/07/08



General Blocks: CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event

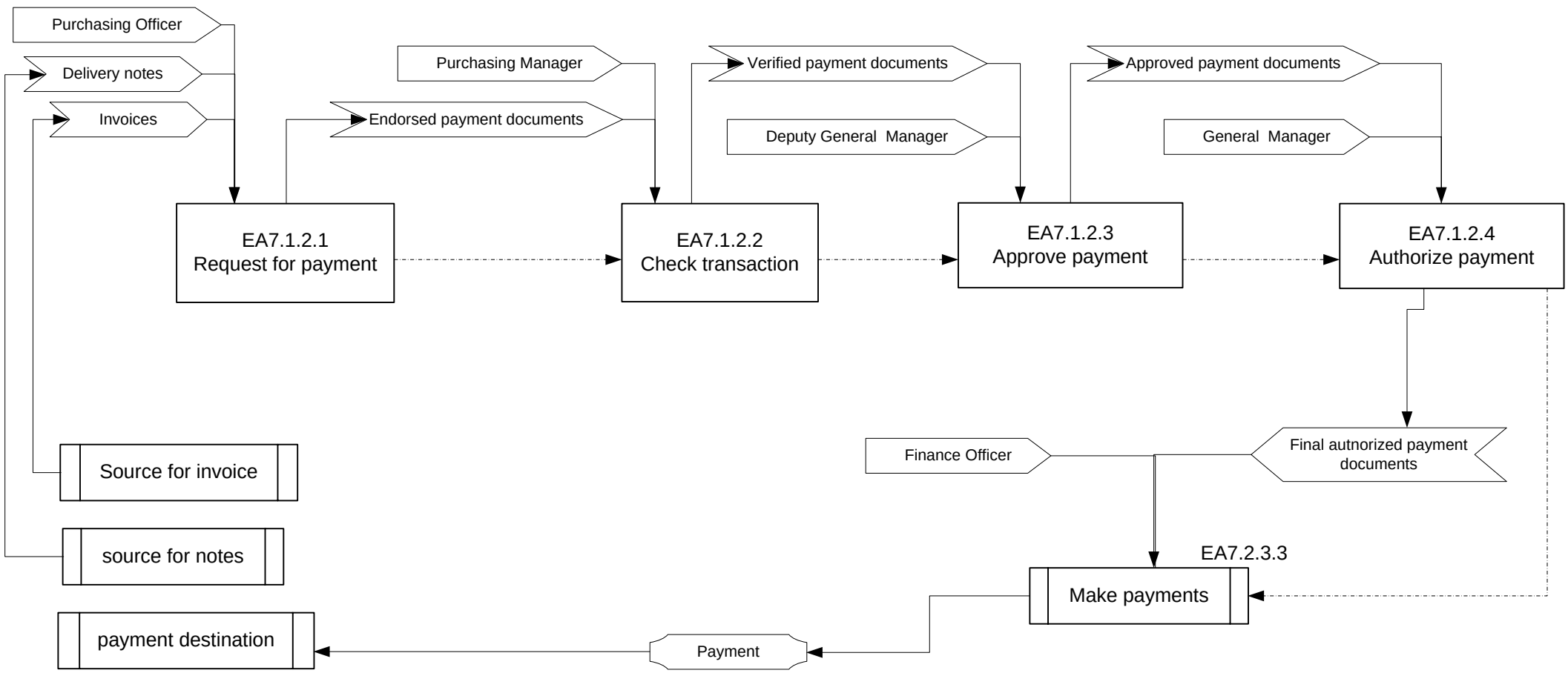
Resources: Information, HR, Physical, Finance

Flow Control Logic: Conditional, OR, AND, Sub-Process, Chained Process, Delay

Flow Type: Flow of Resource, Flow of Process, Alternative Flow

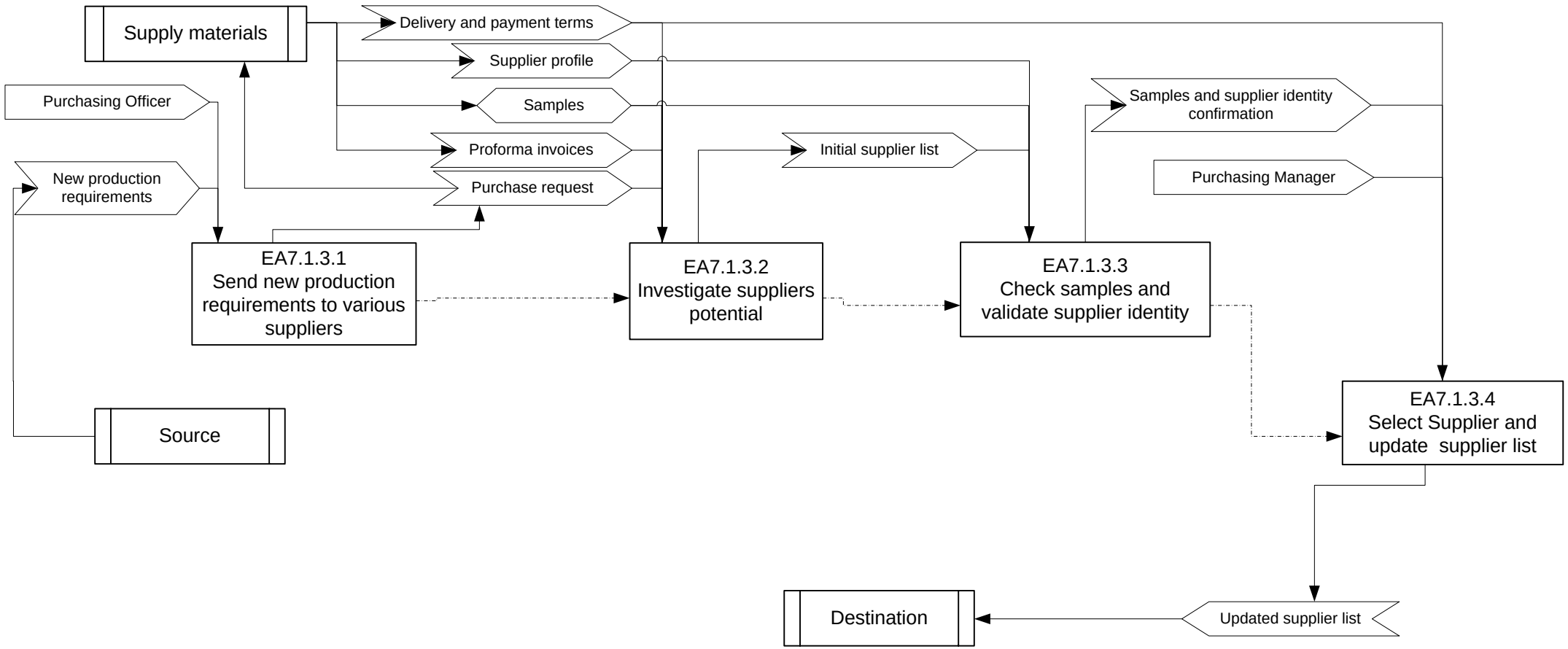
Operation Type: Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for purchase-order materials-bp7.1.1		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 32 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4



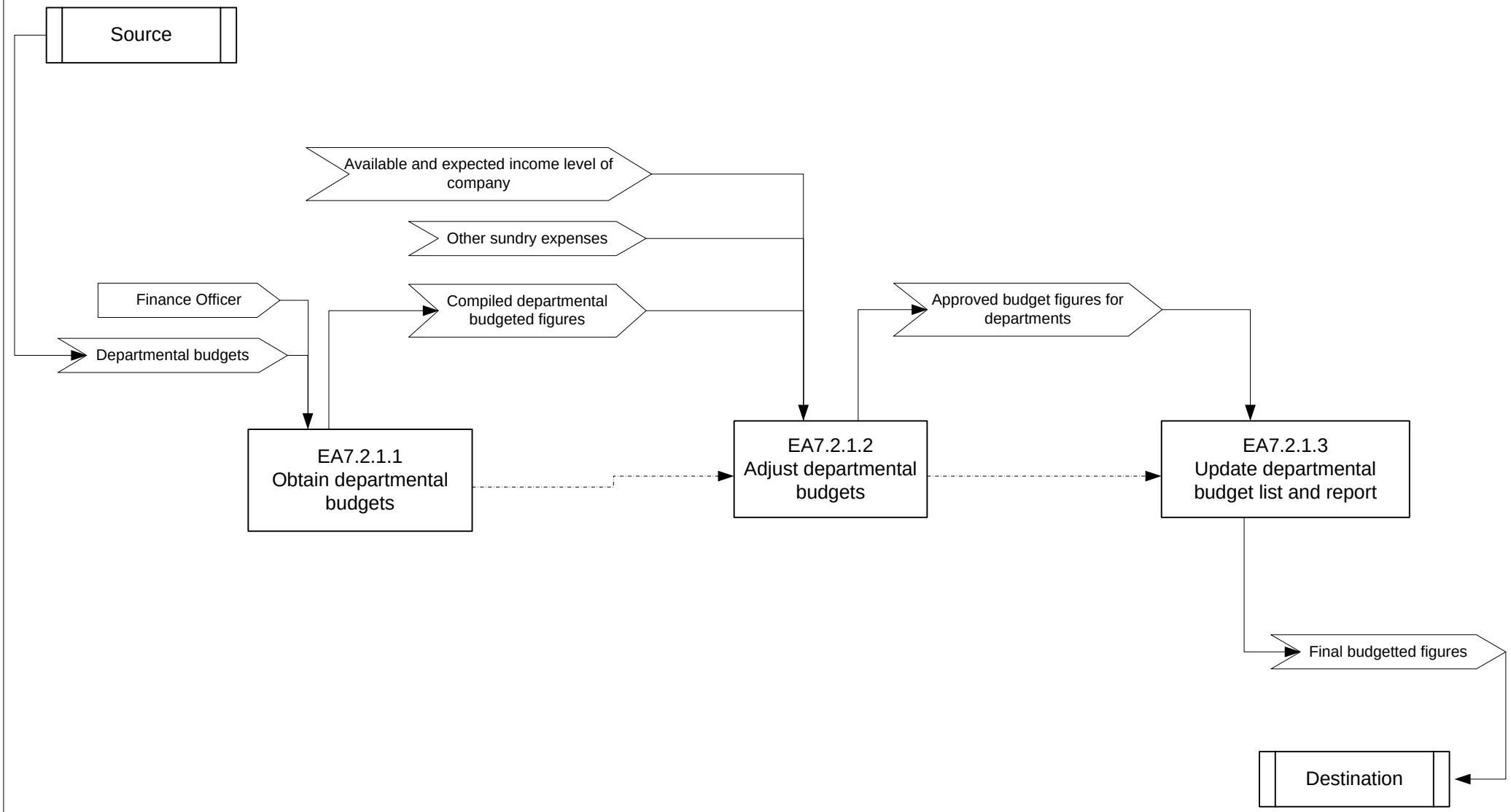
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for purchase-manage supplier payment bp7.1.2		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 33 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4



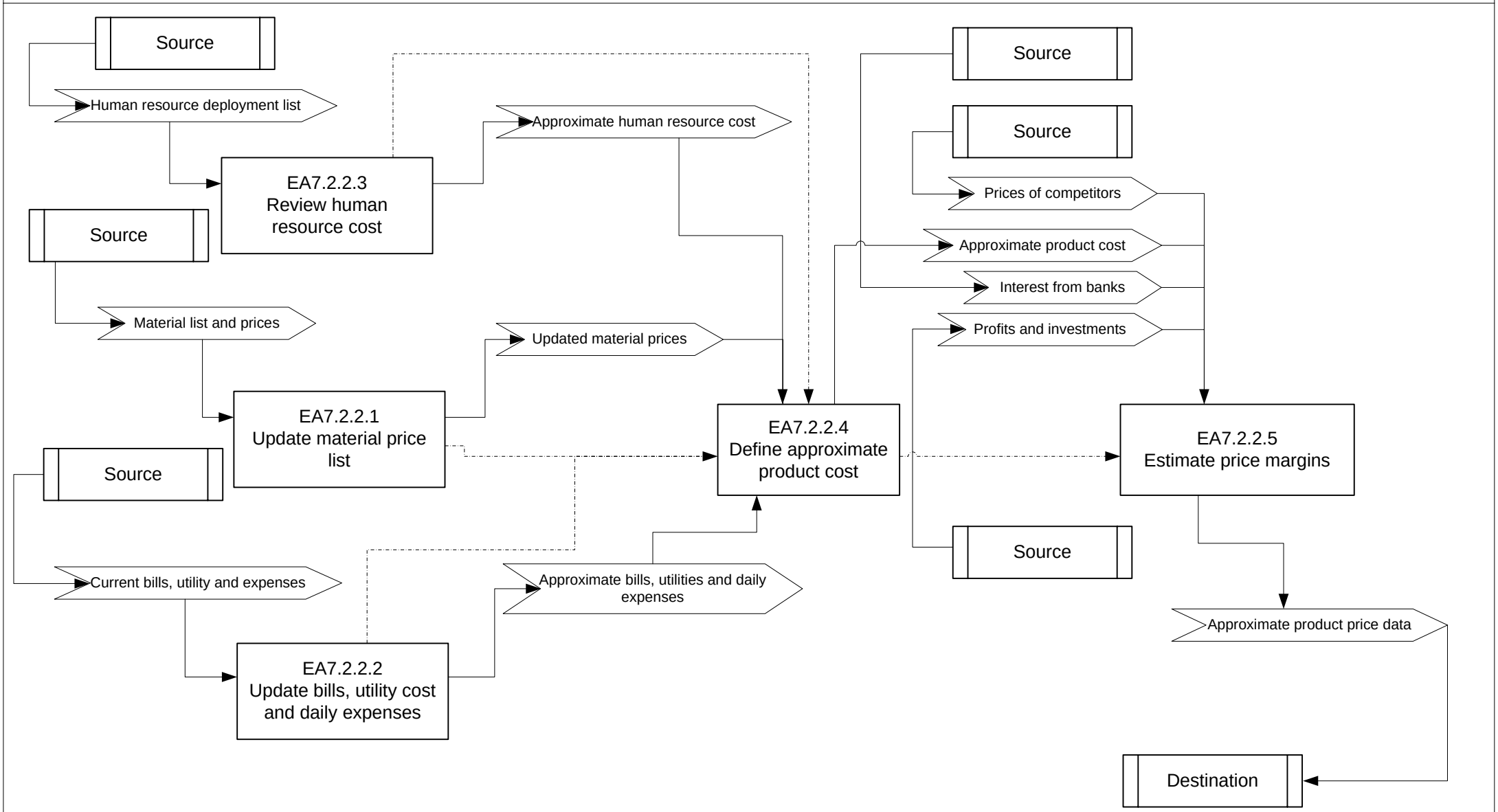
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for purchase-indentify new suppliers 7.1.3		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 34 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4



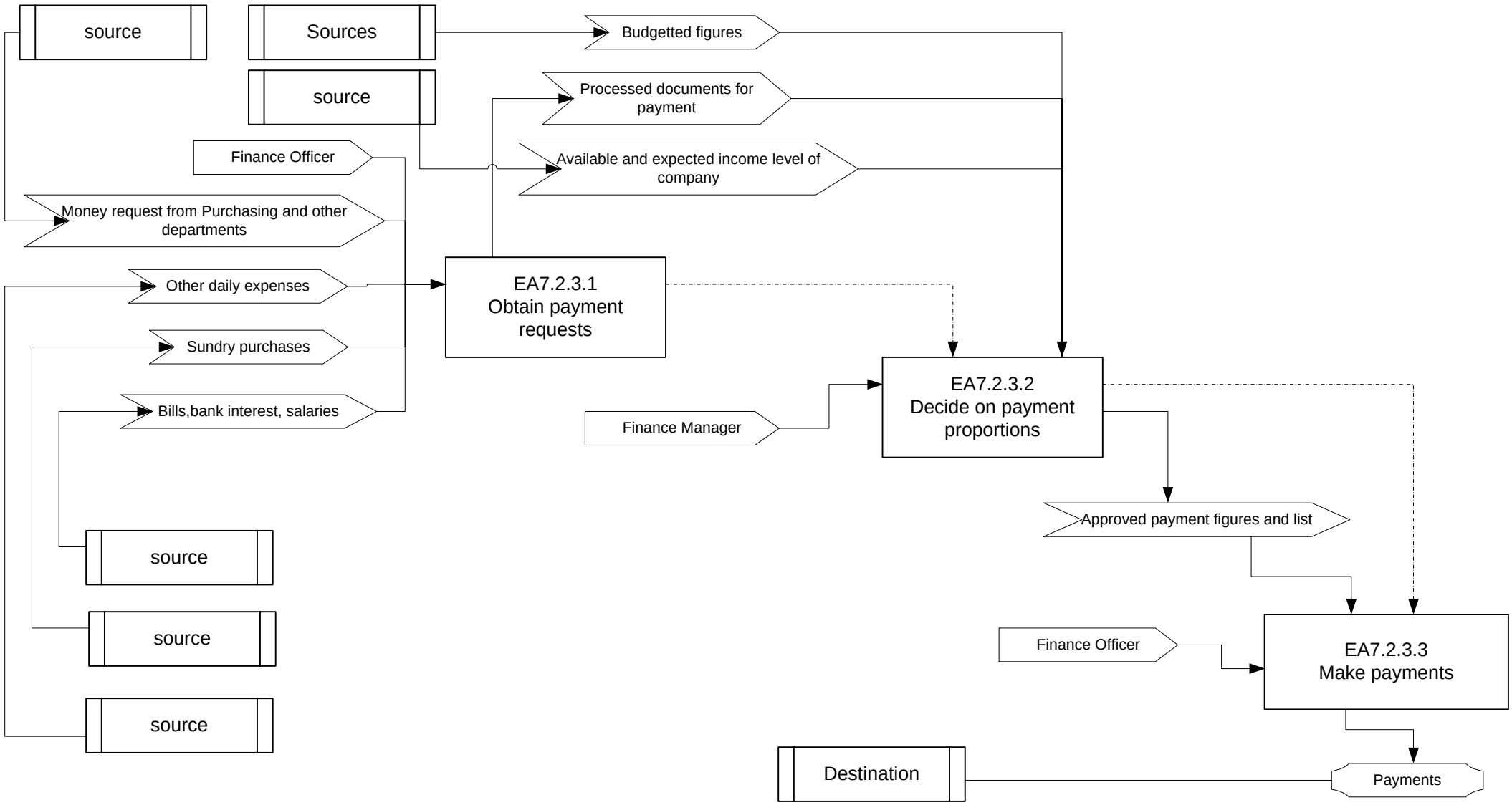
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for control finance-prepare departmental bugets-bp7.2.1		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 35 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4



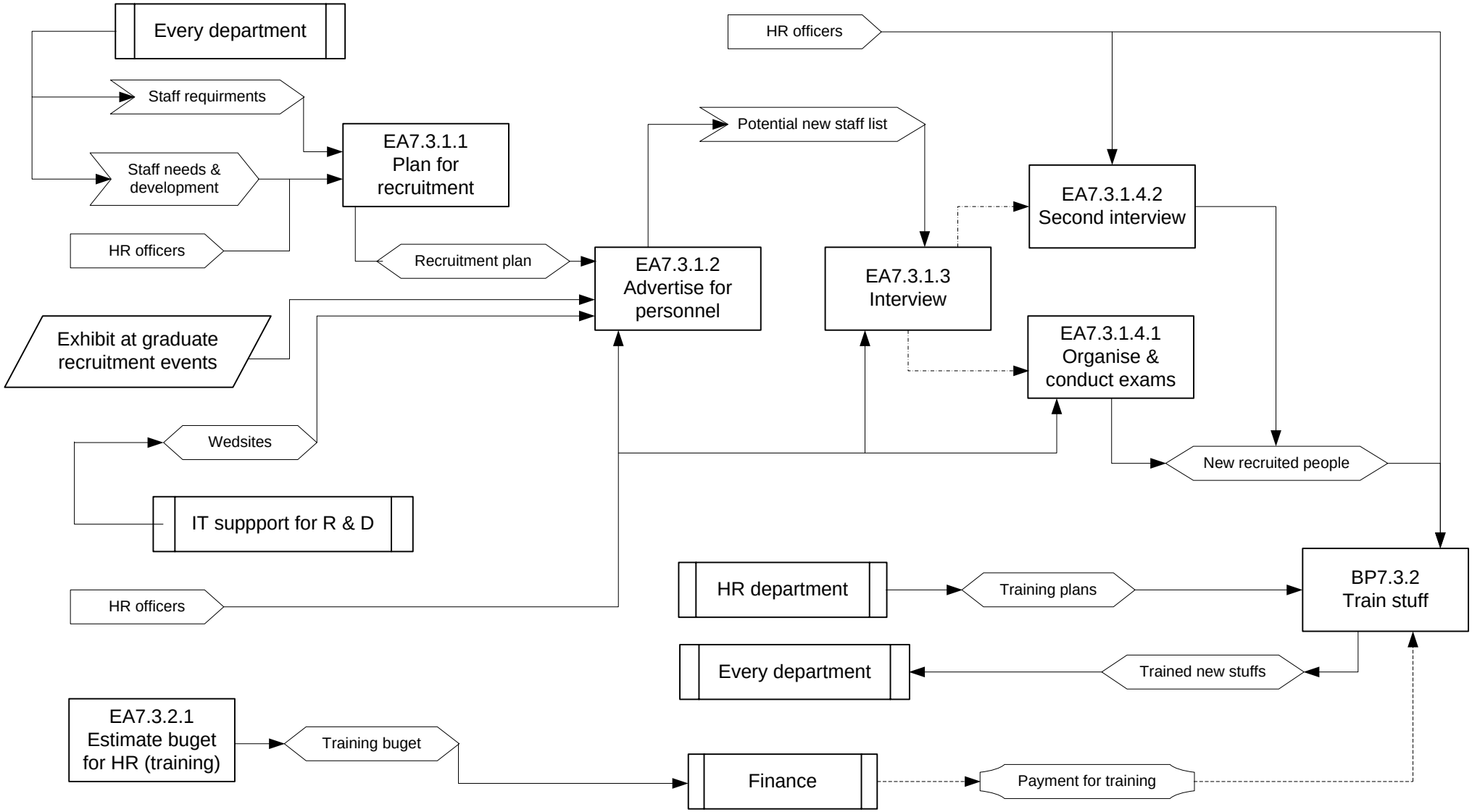
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for control finance-update product cost-bp7.2.2		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 36 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4



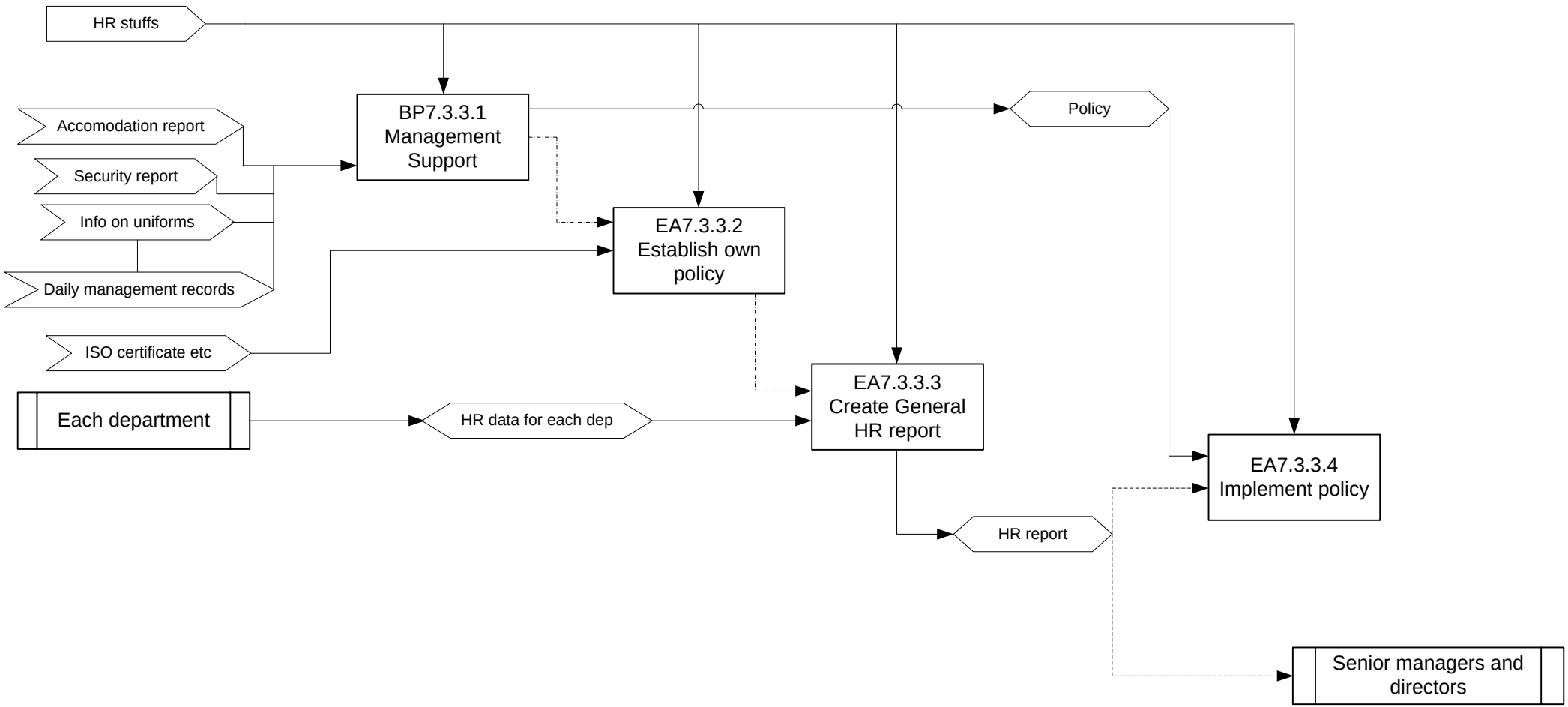
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for finance control-control cash flow-bp7.2.3		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 37 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4



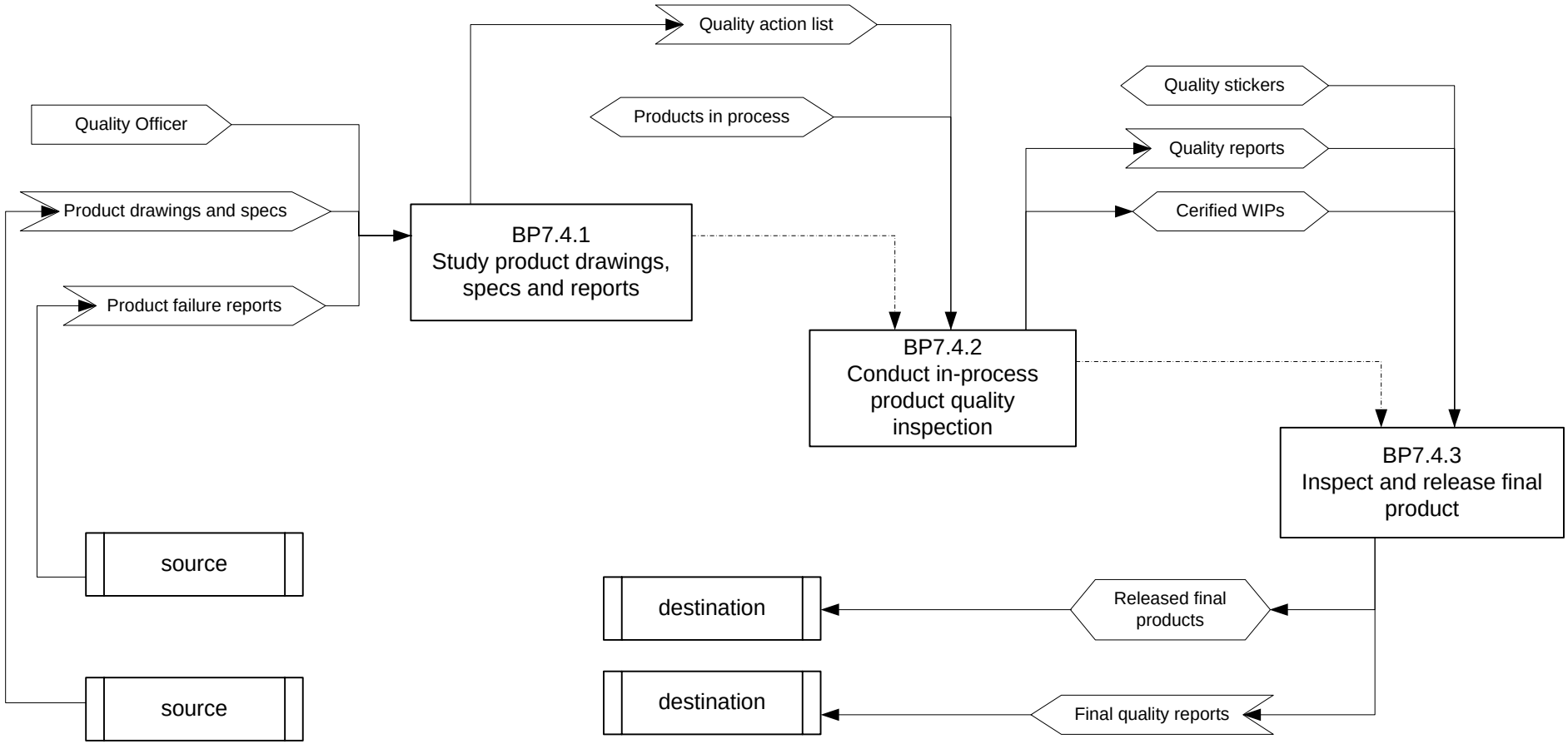
General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for manage human resource-recruit stuff-bp7.3.1 & Bp7.3.2		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 38 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-7



General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for manage human resource-manage support stuff and servisef-bp7.3.3		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 39 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-7



General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

activity diagram for quality control-dp7.4			Modelled by: Shenling Project team	Created: 15/07/2008	
Project Title:	Page: 40 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4	

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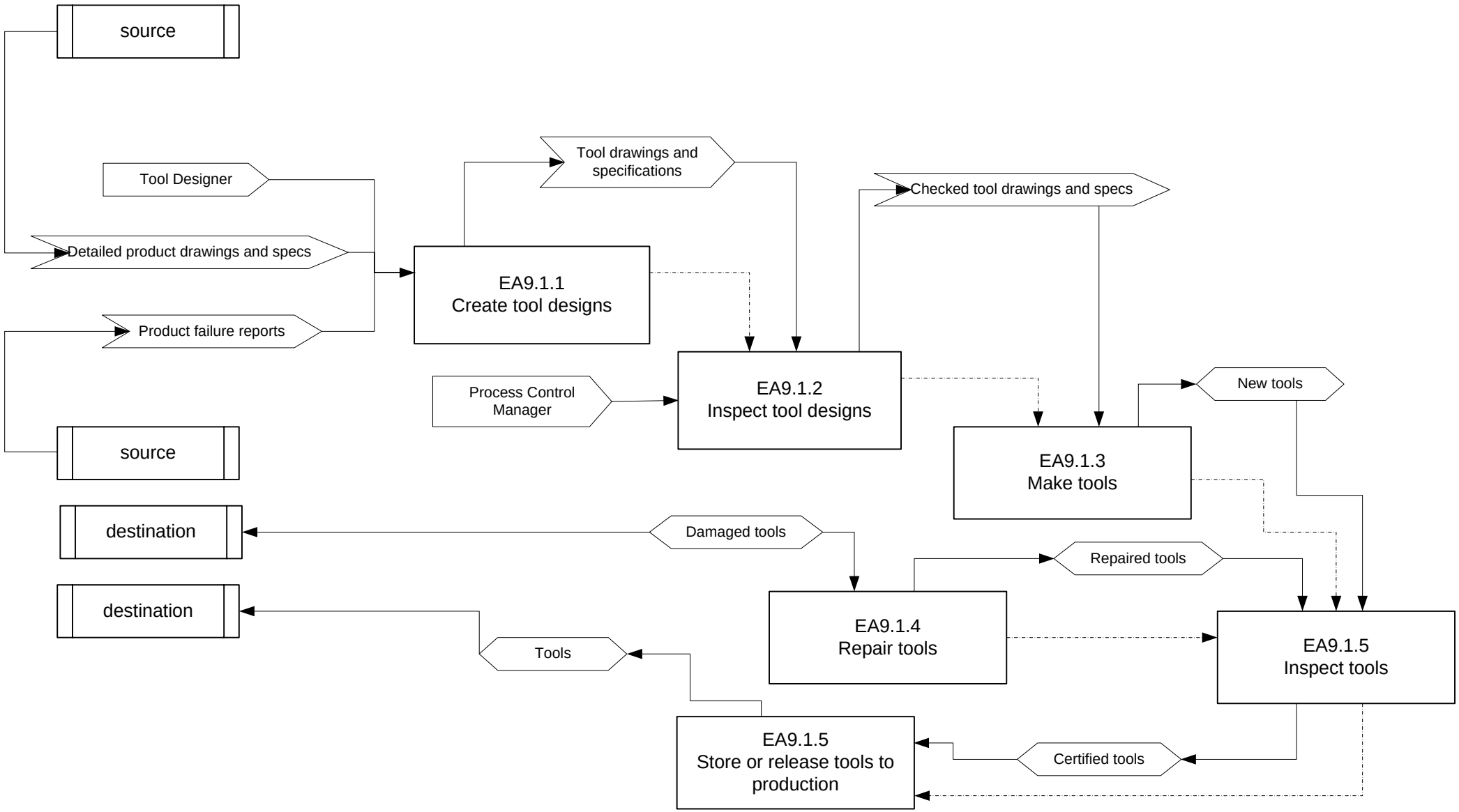
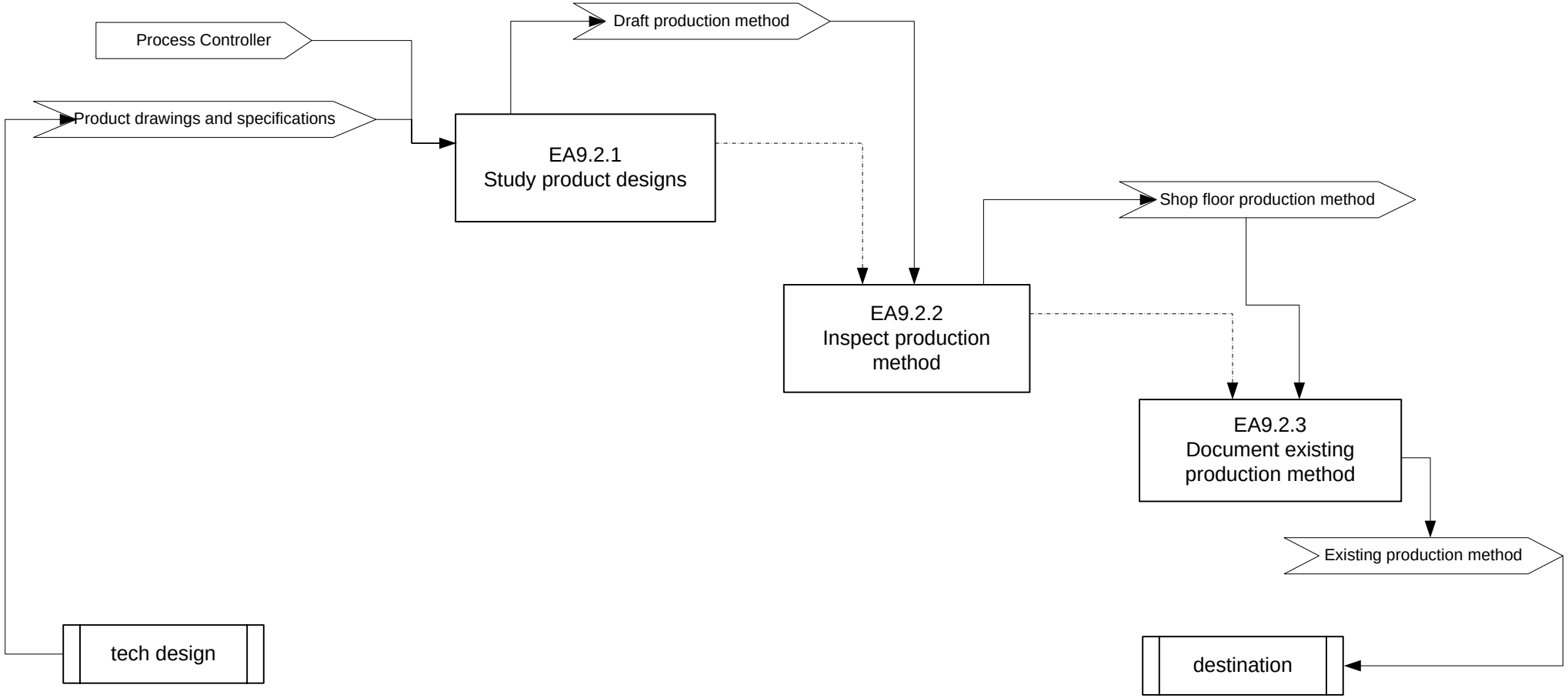


General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for support production (part1)-Product & Manufacturing tools-bp9.1		Modelled by: Shenling Project team	Created: 15/07/2008	MSI Research Institute
	Project Title:	Page: 41 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4



General Blocks: CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event

Resources: Information, HR, Physical, Finance

Flow Control Logic: Conditional, OR, AND, Sub-Process, Chained Process, Delay

Flow Type: Flow of Resource, Flow of Process, Alternative Flow

Operation Type: Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for support production (part2)-document exsiting production methods-bp9.2			Modelled by: Shenling Project team	Created: 20/07/08
	Project Title:	Page: 42 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4

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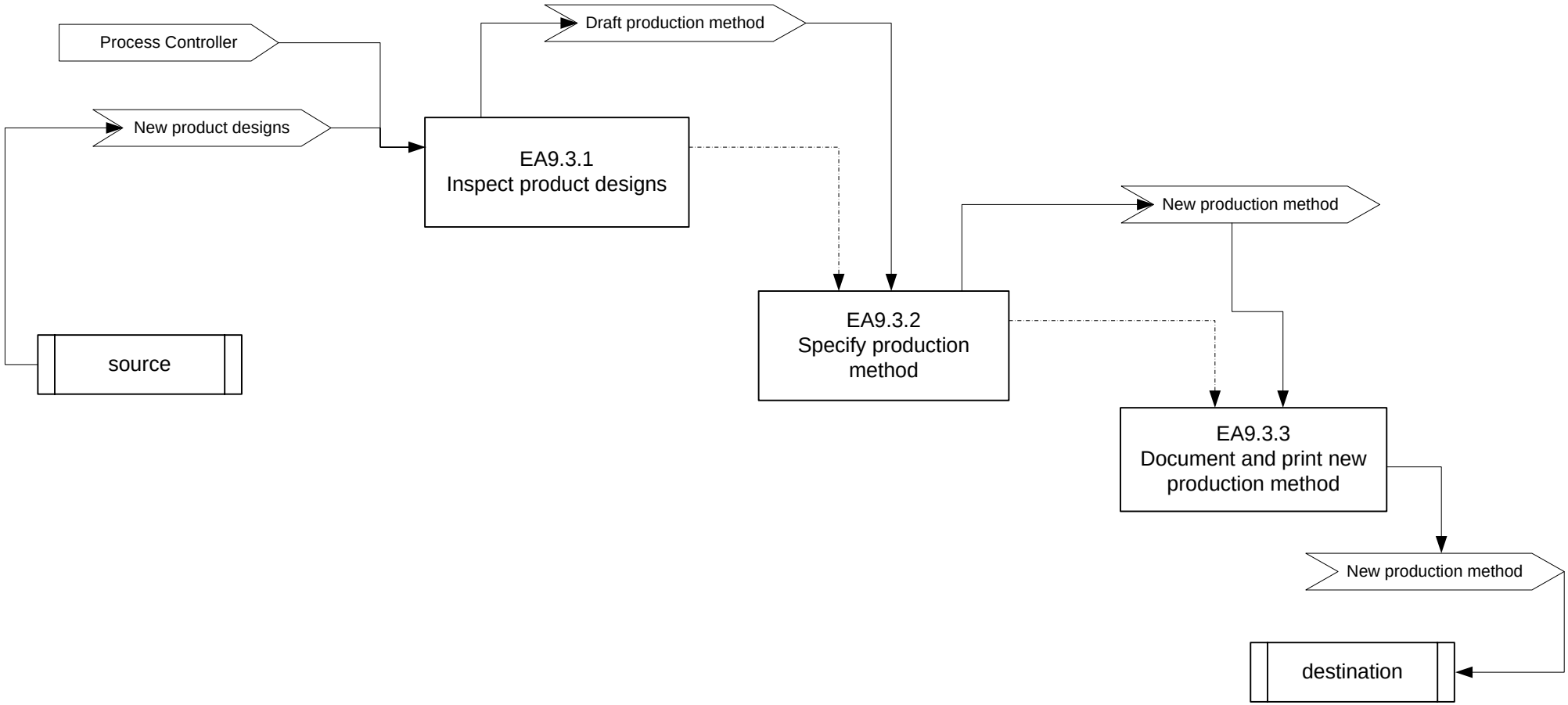

General Blocks: CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event

Resources: Information, HR, Physical, Finance

Flow Control Logic: Conditional, OR, AND, Sub-Process, Chained Process, Delay

Flow Type: Flow of Resource, Flow of Process, Alternative Flow

Operation Type: Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University

activity diagram for support production (part3)-Specify new production methods-bp9.3

Project Title:	Page:	Version:	Modelled by:	Created:
	43 OF 44	1	Shenling Project team	20/07/08
			Revised by: Z.Cui	Updated: 2008-8-4

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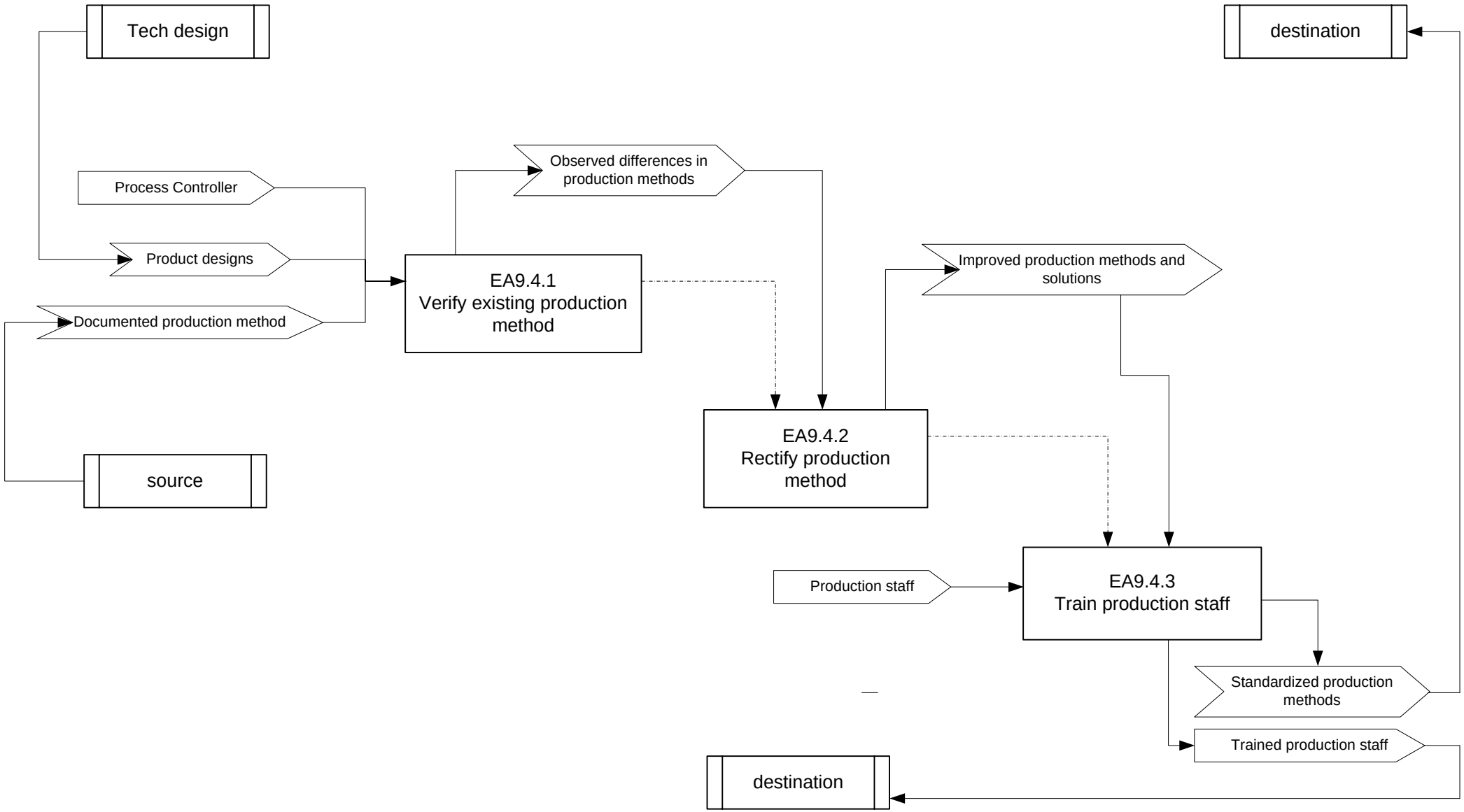

General Blocks	Resources	Flow Control Logic	Flow Type	Operation Type
CIMOSA Domain, Non-CIMOSA Domain, Activity, External Link, Event	Information, HR, Physical, Finance	Conditional, OR, AND, Sub-Process, Chained Process, Delay	Flow of Resource, Flow of Process, Alternative Flow	Direct Generation, Direct Supportive, Indirect Supportive

Loughborough University	activity diagram for support production (part4)-Inspect production methods-bp9.4		Modelled by: Shenling Project team	Created: 20/07/08	MSI Research Institute
	Project Title:	Page: 44 OF 44	Version: 1	Revised by: Z.Cui	Updated: 2008-8-4