

# COBIE 101 session 13. system worksheet

## **audience**

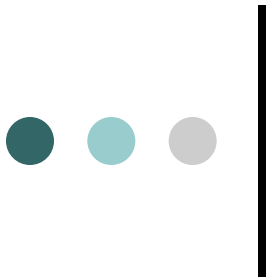
this course is for public government officials and business partners who need to understand how COBIE is implemented on their contracts.

## **prerequisite**

COBIE 101. session 4. cobie general overview

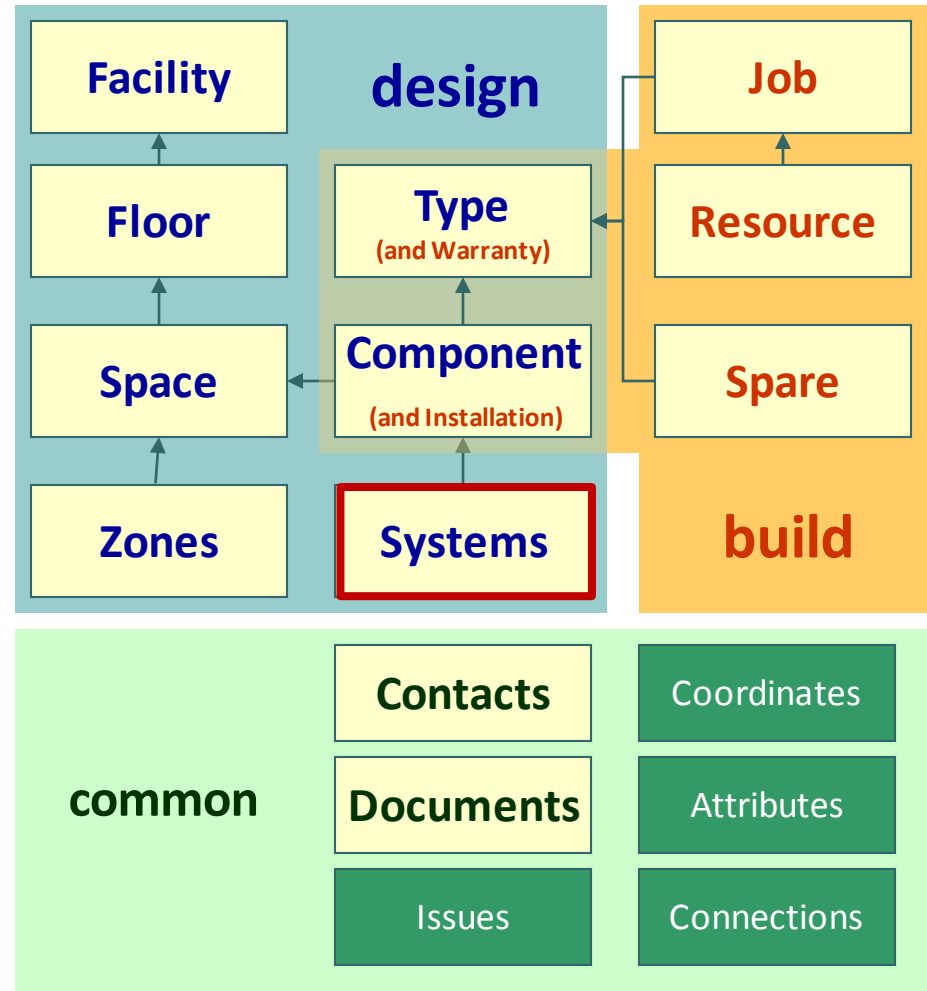
## **objectives**

describe the contents of the COBIE System worksheet



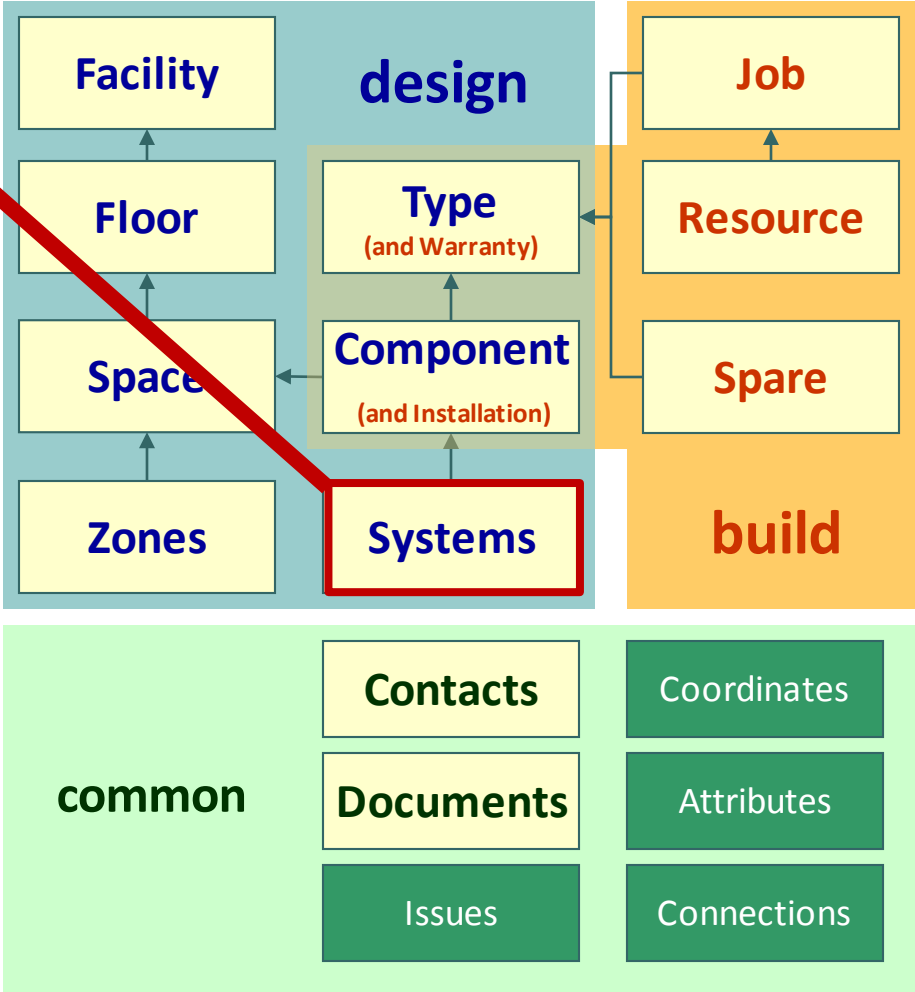
# system worksheet

building services and associated components



# system worksheet

- Name
- CreatedBy
- CreatedOn
- Category
- ComponentNames
- ExtSystem
- ExtObject
- ExtIdentifier





# unique name

	A	B	C	D	E	F	G	H	I	J
1	Name	CreatedBy	CreatedOn	Category	ComponentNames	ExtSystem	ExtObject	ExtIdentifier		
2	Overhead Coiling Doors	pmerletta@pmdesigngroup.com	2009-08-17T15:25:05	21-41 51 13 21 00 Exterior Doors	Door-100A,Door-100F,Door-100G,Door-100H			ifcSystem		
3	Radiant heaters	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 12 11 00 Heat Generation for Sin	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6			ifcSystem		
4	Ventilation	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 16 11 00 Ventilation	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6			ifcSystem		
5	Heat pump	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 18 00 00 HVAC Distribution	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6			ifcSystem		
6	Potable hot and cold	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 31 11 11 00 Water Supply	OWS-1,WH-1,EEW-1,DF-1,SH-1,SS-1			ifcSystem		
7	Air compressor	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-81 31 32 41 00 Compression Equipmen	AC-1			ifcSystem		
8	Fire Alarm Systems	berold@je.com	2009-08-17T15:25:05	21-51 11 11 00 00 Fire and Smoke Detecti	FCP			ifcSystem		
9	Electrical Service	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans			ifcSystem		
10	Fluorescent Fixtures	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans			ifcSystem		
11	Exterior Floods	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans			ifcSystem		
12	Power Distribution	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans			ifcSystem		
13	Comm Outside Plant	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans			ifcSystem		
14	Oil Distribution System	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans			ifcSystem		

unique name required for each building system



# authorship information

	A	B	C	D	E	F	G	H	I	J
1	Name	CreatedBy	CreatedOn	Category	ComponentNames	ExtSystem	ExtObject	ExtIdentifier		
2	Overhead Coiling Doors	pmerletta@pmdesigngroup.com	2009-08-17T15:25:05	21-41 51 13 21 00 Exterior Doors	Door-100A,Door-100F,Door-100G,Door-100H		ifcSystem			
3	Radiant heaters	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 12 11 00 Heat Generation for Sin	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6		ifcSystem			
4	Ventilation	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 16 11 00 Ventilation	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6		ifcSystem			
5	Heat pump	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 18 00 00 HVAC Distribution	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6		ifcSystem			
6	Potable hot and cold	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 31 11 11 00 Water Supply	OWS-1,WH-1,EEW-1,DF-1,SH-1,SS-1		ifcSystem			
7	Air compressor	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-81 31 32 41 00 Compression Equipment	AC-1		ifcSystem			
8	Fire Alarm Systems	bjerold@je.com	2009-08-17T15:25:05	21-51 11 11 00 00 Fire and Smoke Detecti	FCP		ifcSystem			
9	Electrical Service	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans		ifcSystem			
10	Fluorescent Fixtures	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans		ifcSystem			
11	Exterior Floods	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans		ifcSystem			
12	Power Distribution	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans		ifcSystem			
13	Comm Outside Plant	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans		ifcSystem			
14	Oil Distribution System	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans		ifcSystem			

author email  
date-time stamp



# external category

	A	B	C	D	E	F	G	H	I	J
1	Name	CreatedBy	CreatedOn	Category	ComponentNames	ExtSystem	ExtObject	ExtIdentifier		
2	Overhead Coiling Doors	pmerletta@pmdesigngroup.com	2009-08-17T15:25:05	21-41 51 13 21 00 Exterior Doors	Door-100A,Door-100F,Door-100G,Door-100H	ifcSystem				
3	Radiant heaters	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 12 11 00 Heat Generation for Single Family	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6	ifcSystem				
4	Ventilation	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 16 11 00 Ventilation	VS-1,WH-1,EEW-1,DF-1,SH-1,SS-1	ifcSystem				
5	Heat pump	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 14 00 00 Cooling	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6	ifcSystem				
6	Potable hot and cold	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 14 11 00 Cooling Generation for Single Family	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6	ifcSystem				
7	Air compressor	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 16 00 00 Air Distribution	VS-1,WH-1,EEW-1,DF-1,SH-1,SS-1	ifcSystem				
8	Fire Alarm Systems	bjerold@je.com	2009-08-17T15:25:05	21-51 51 18 00 00 Ventilation	VS-1,WH-1,EEW-1,DF-1,SH-1,SS-1	ifcSystem				
9	Electrical Service	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 51 18 00 00 HVAC Distribution	VS-1,WH-1,EEW-1,DF-1,SH-1,SS-1	ifcSystem				
10	Fluorescent Fixtures	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 51 18 11 00 Heating and Cooling Distribution	VS-1,WH-1,EEW-1,DF-1,SH-1,SS-1	ifcSystem				
11	Exterior Floods	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 61 00 00 00 Integrated Automation	VS-1,WH-1,EEW-1,DF-1,SH-1,SS-1	ifcSystem				
12	Power Distribution	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 61 11 00 00 Integrated Automation Controls	VS-1,WH-1,EEW-1,DF-1,SH-1,SS-1	ifcSystem				
13	Comm Outside Plant	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 15 51 00 Exterior Lighting	ExtLight,PP,T1,LP,INV	ifcSystem				
14	Oil Distribution System	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-71 61 67 00 00 Electrical Power Distribution	PowerMH	ifcSystem				
15										
16										
17										
18										
19										
20										
21										

category of system  
what kind of system is it?  
(OmniClass Table 21 Element)

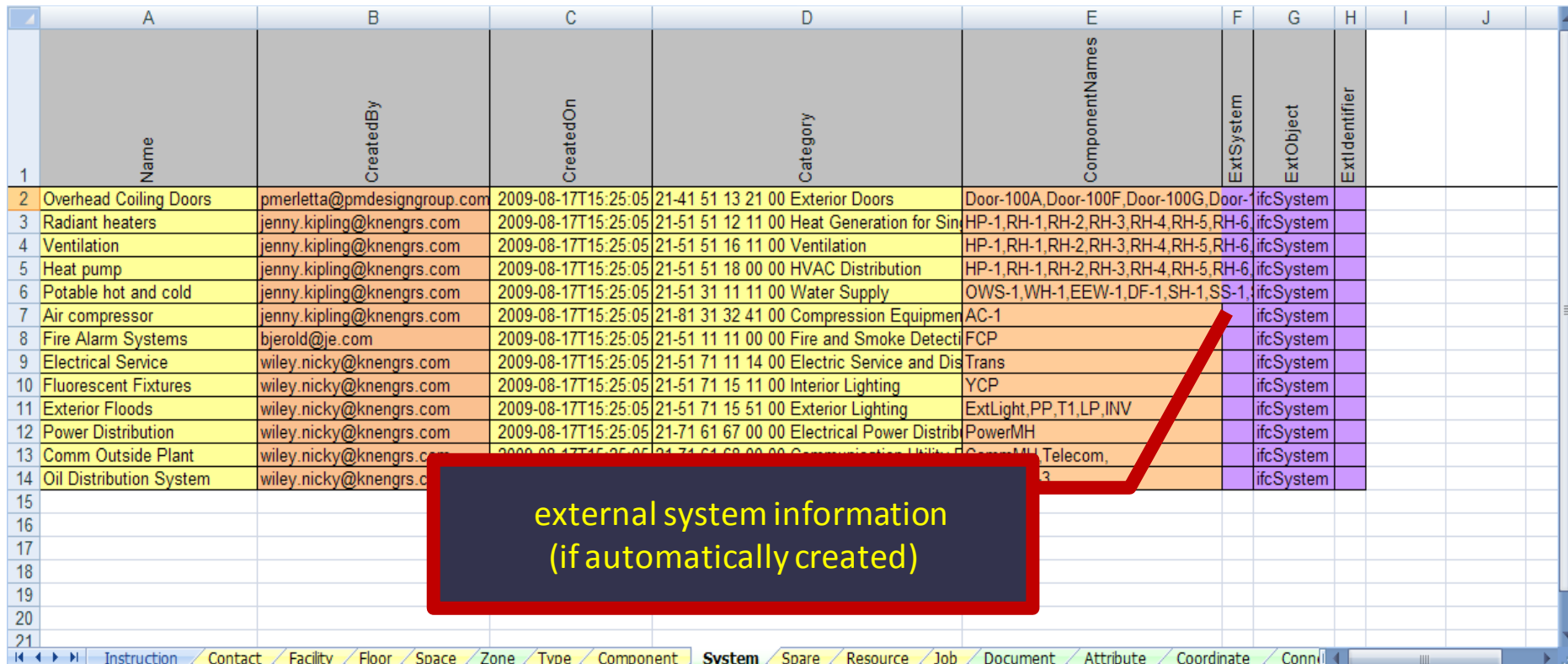


# internal references

	A	B	C	D	E	F	G	H	I	J
1	Name	CreatedBy	CreatedOn	Category	ComponentNames	ExtSystem	ExtObject	ExtIdentifier		
2	Overhead Coiling Doors	pmerletta@pmdesigngroup.com	2009-08-17T15:25:05	21-41 51 13 21 00 Exterior Doors	Door-100A,Door-100F,Door-100G,Door-100H	ifcSystem				
3	Radiant heaters	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 12 11 00 Heat Generation for Sin	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6	ifcSystem				
4	Ventilation	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 16 11 00 Ventilation	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6	ifcSystem				
5	Heat pump	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 18 00 00 HVAC Distribution	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6	ifcSystem				
6	Potable hot and cold	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 31 11 11 00 Water Supply	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6	ifcSystem				
7	Air compressor	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-81 31 32 41 00 Compression Equipment	AC-1	ifcSystem				
8	Fire Alarm Systems	bjerold@je.com	2009-08-17T15:25:05	21-51 11 11 00 00 Fire and Smoke Detecti	FCP	ifcSystem				
9	Electrical Service	wilay.pisley@knengrs.com	2009-08-17T15:25:05	21-51 71 11 11 00 Electric Service and Dis	Trans	ifcSystem				
10	Fluorescent Fixtures			Interior Lighting	YCP	ifcSystem				
11	Exterior Floods			Exterior Lighting	ExtLight,PP,T1,LP,INV	ifcSystem				
12	Power Distribution			Electrical Power Distrib	PowerMH	ifcSystem				
13	Comm Outside Plant			Communication Utility	CommMH,Telecom,	ifcSystem				
14	Oil Distribution System			Access Systems	P-1,P-2,P-3,	ifcSystem				

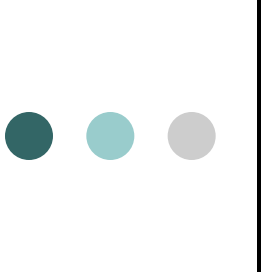
select list of components  
that enable the building service

# automated system reference



	A	B	C	D	E	F	G	H	I	J
1	Name	CreatedBy	CreatedOn	Category	ComponentNames	ExtSystem	ExtObject	ExtIdentifier		
2	Overhead Coiling Doors	pmerletta@pmdesigngroup.com	2009-08-17T15:25:05	21-41 51 13 21 00 Exterior Doors	Door-100A,Door-100F,Door-100G,Door-100H	ifcSystem				
3	Radiant heaters	jenny.kipling@knengrs.com	2009-08-17T15:25:05	21-51 51 12 11 00 Heat Generation for Sin	HP-1,RH-1,RH-2,RH-3,RH-4,RH-5,RH-6	ifcSystem				
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8	Fire Alarm Systems	bjerold@je.com	2009-08-17T15:25:05	21-51 11 11 00 00 Fire and Smoke Detecti	FCP	ifcSystem				
9	Electrical Service	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 11 14 00 Electric Service and Dis	Trans	ifcSystem				
10	Fluorescent Fixtures	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 15 11 00 Interior Lighting	YCP	ifcSystem				
11	Exterior Floods	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-51 71 15 51 00 Exterior Lighting	ExtLight,PP,T1,LP,INV	ifcSystem				
12	Power Distribution	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-71 61 67 00 00 Electrical Power Distrib	PowerMH	ifcSystem				
13	Comm Outside Plant	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-71 61 69 00 00 Communication Utility	FCComm,MH,Telecom,	ifcSystem				
14	Oil Distribution System	wiley.nicky@knengrs.com	2009-08-17T15:25:05	21-71 61 69 00 00 Communication Utility	FCComm,MH,Telecom,	ifcSystem				

external system information  
(if automatically created)



# COBIE 101 session 13. system worksheet

## **audience**

this course is for public government officials and business partners who need to understand how COBIE is implemented on their contracts.

## **prerequisite**

COBIE 101. session 4. cobie general overview

## **objectives**

describe the contents of the COBIE System worksheet