



HEXAGON 2011

Building A Smarter World



INTERGRAPH @ HEXAGON 2011

SMARTPLANT ELECTRICAL. AS BUILT

Presenter: Igor Korokhov

Title: Electrical & Instrumentation Engineer

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Business Case

- *Achieve the most efficient data integrity when O/O shares data to EPC's*

Solution

- *With Intergraph SmartPlant Electrical As Built capability O/O may own and share all Built and Project electrical data*

Benefits

- *Achieving a complete project standardization and forcing all EPC's to follow it*

Future Expectation

- *Expand Offsite project capabilities*

- Use shared Plant Breakdown Structure
- Define access rights to As Built and Project data
- Set Project Scope to EPC's
- Ensure EPC's apply only approved standard reference data
- Allow EPC's to use SPEL in On- or Off- Site Modes
- Track progress of project execution
- Integrate As Built electrical data with other disciplines

SPEL AsBuilt Concept



O/O Facility

Off-Site

As Built

Plant

Plant

Area 1

Unit 101

Unit 102

Area 2

Unit 201

Unit 201

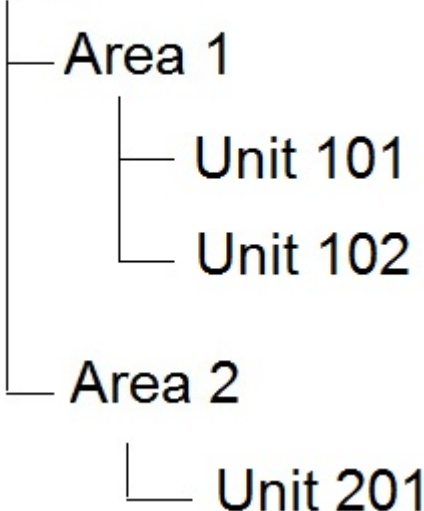
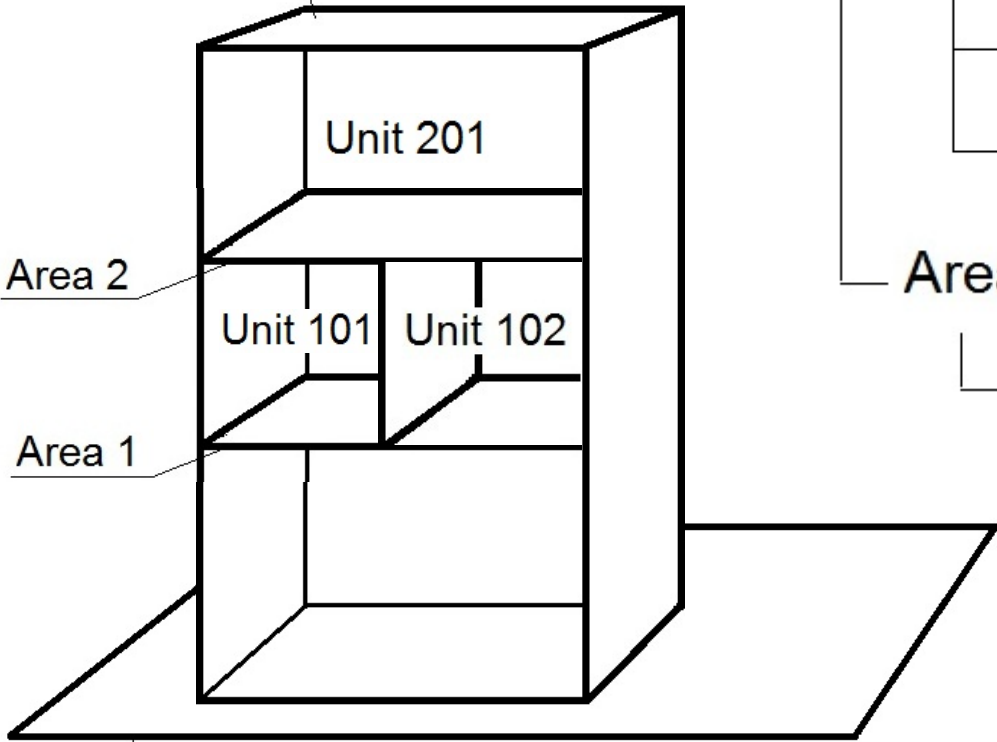
Area 2

Unit 101

Unit 102

Area 1

SITE



SPEL AsBuilt Concept

O/O Facility

Off-Site

As Built

Plant

Unit 201

Claim

EPC 1 Project

Merge

Claim

EPC 2 Project

Merge

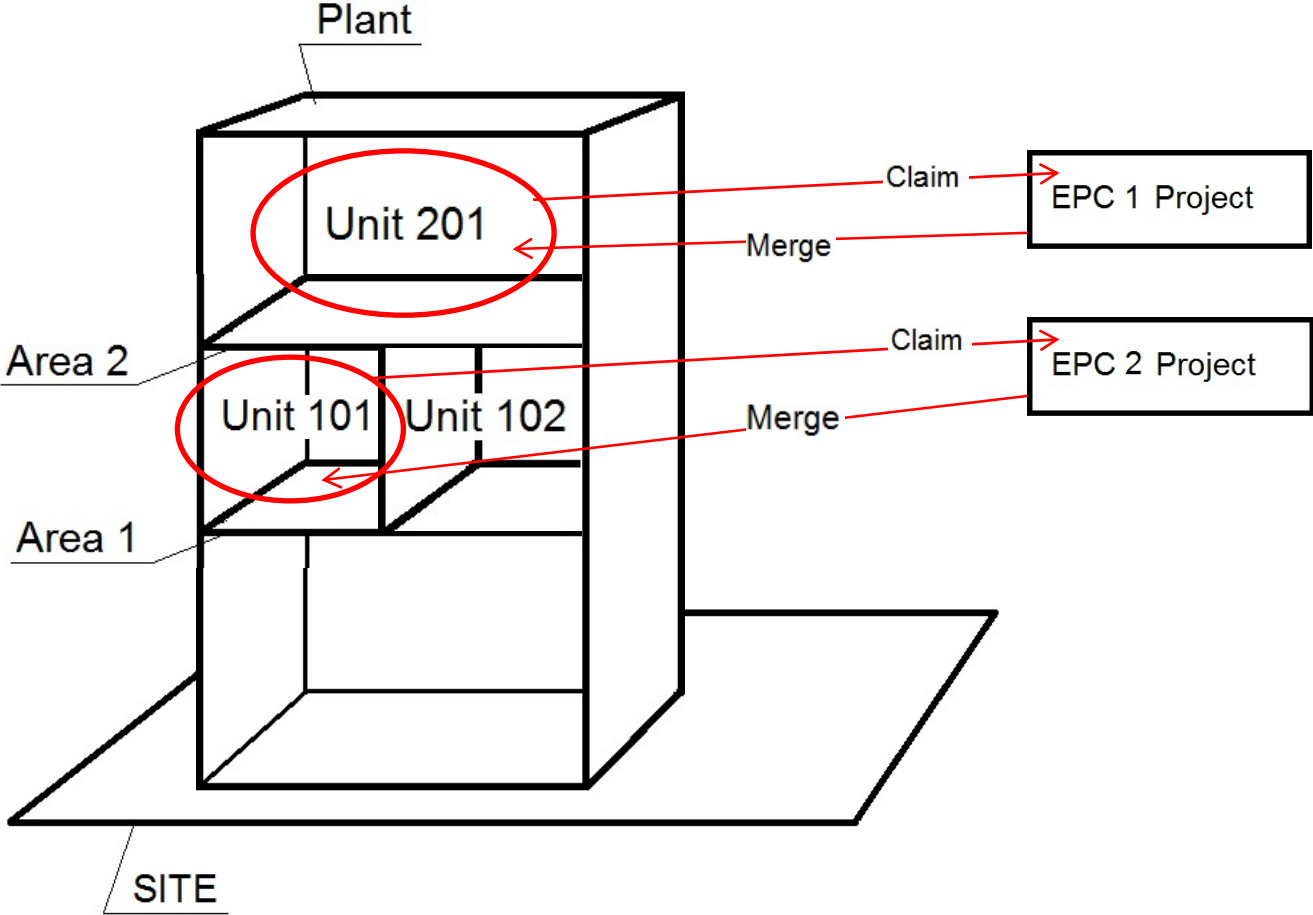
Area 2

Unit 101

Unit 102

Area 1

SITE



SPEL AsBuilt Concept



O/O Facility

Off-Site

As Built

Plant

Unit 201

Claim

EPC 1 Project

Transfer .ZIP file

EPC 3 Project

Merge

Area 2

Unit 101

Unit 102

Claim

EPC 2 Project

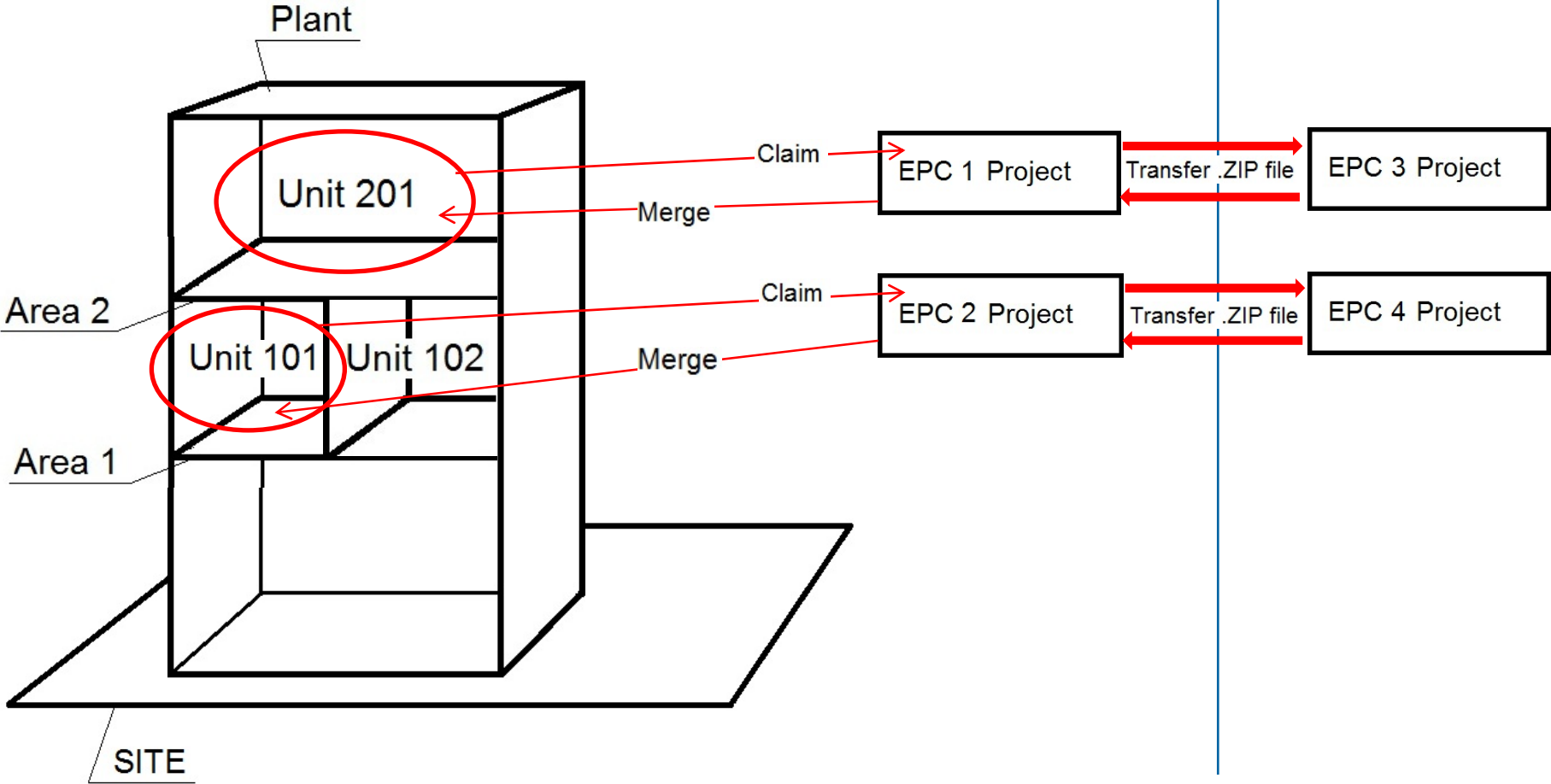
Transfer .ZIP file

EPC 4 Project

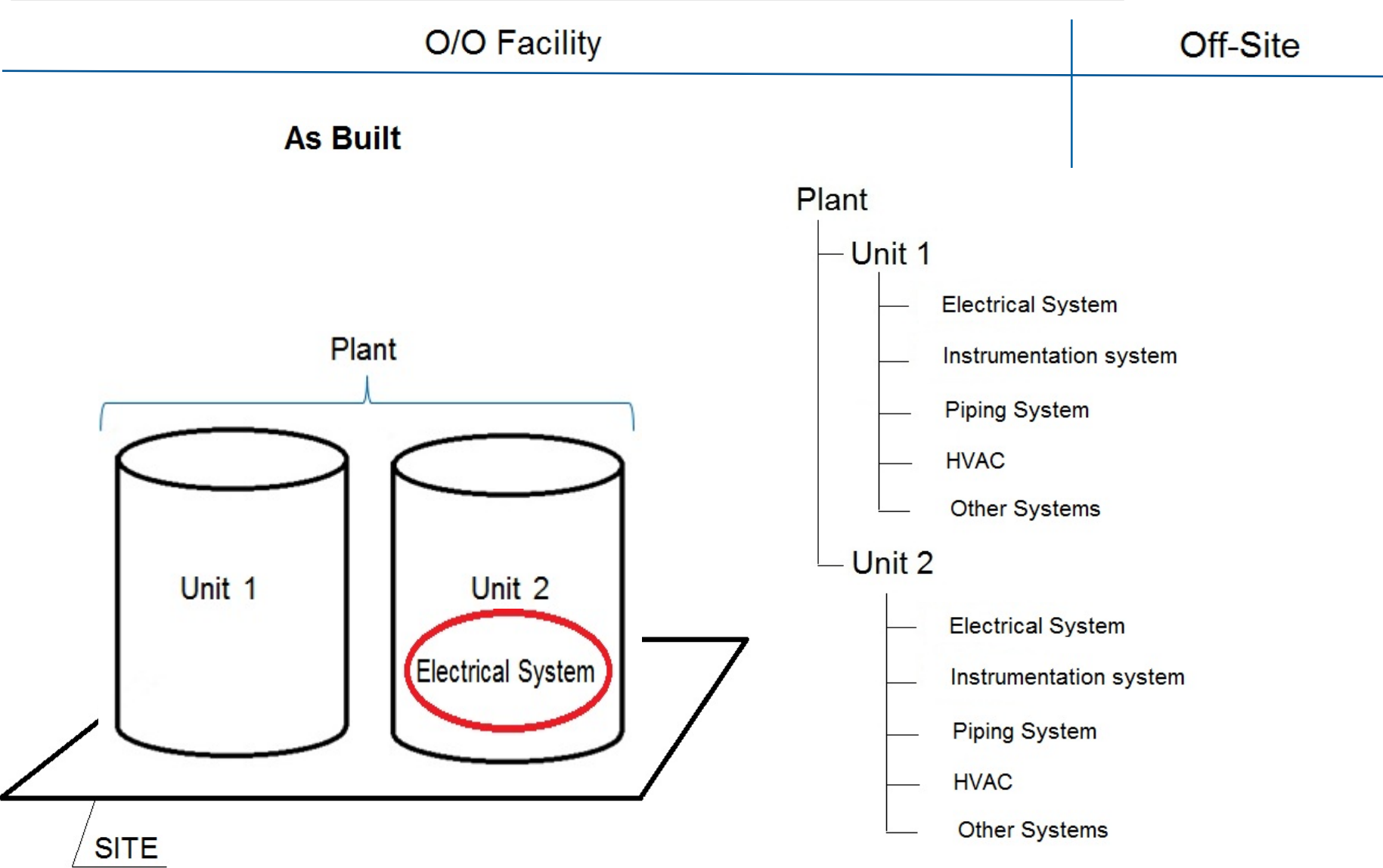
Merge

Area 1

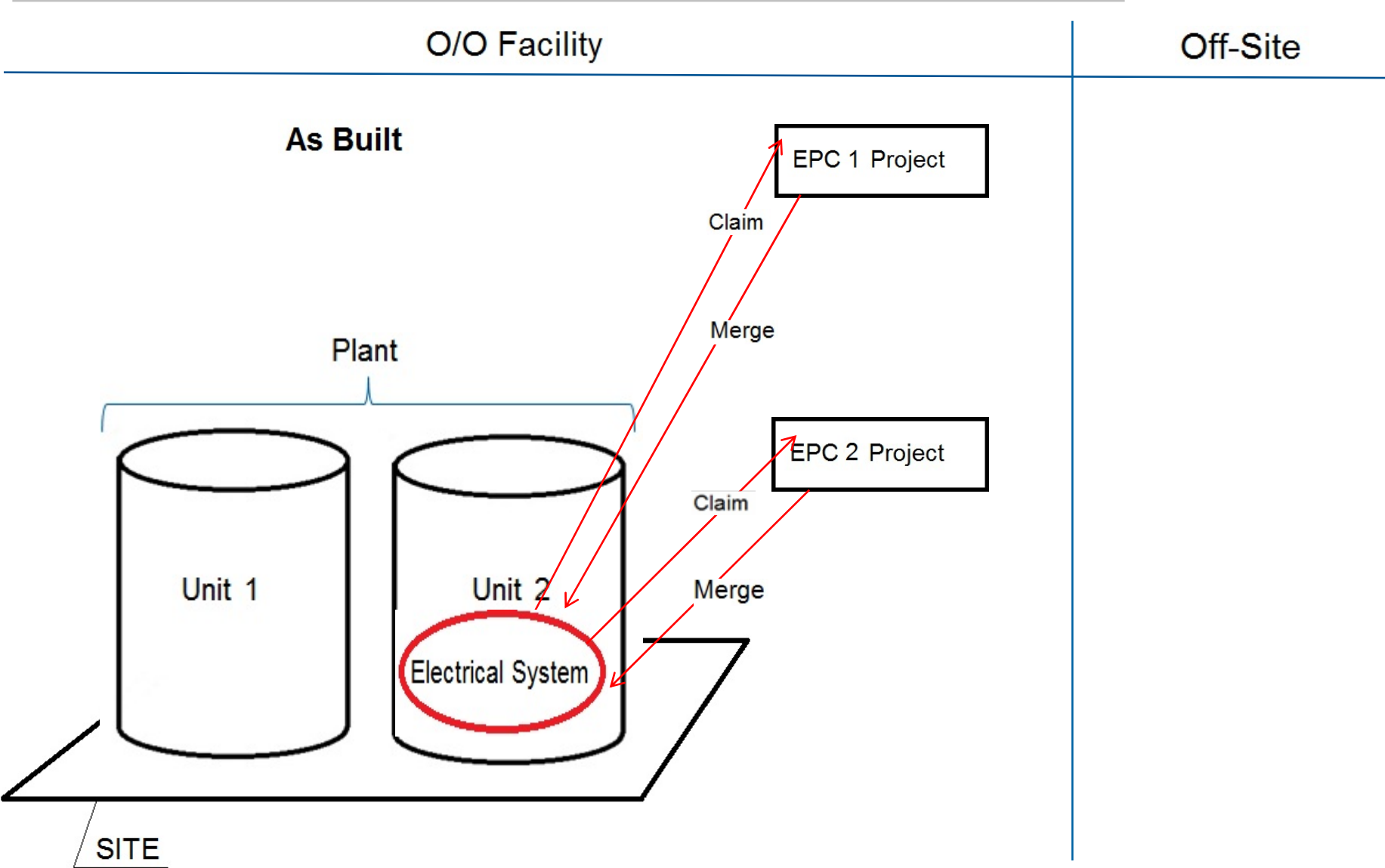
SITE



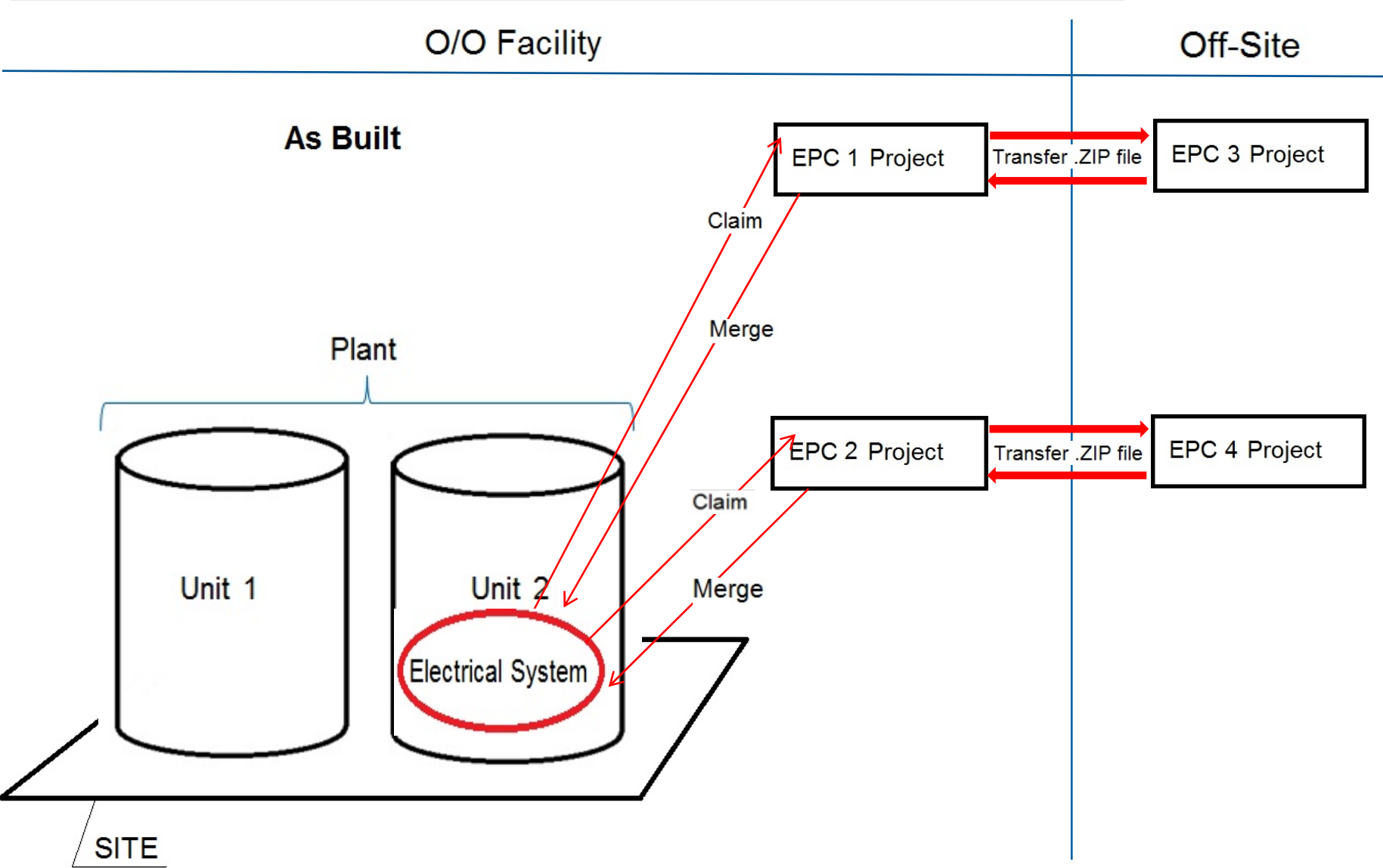
SPEL AsBuilt Concept



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SPEL AsBuilt Concept



Thank You!

