Interface Control System - Documentation

**Interface Control System – Overview Diagram**

ATLAS

ICS Installations

(Plant Databases, Care, Promax, etc.)

External Business Partners

(Warehouses, etc.)

Internal Applications

(SAP BW, Lotus Notes, etc.)

**FILE SYSTEM**

Passthru

Load Scripts

Inbound

Load Scripts

INBOUND

Directory

INTERFACE

Polling Directories

BIN

Directory

Inbound/Passthru

Files

Inbound/Passthru

Files

OUTBOUND

Directory

Outbound

Files

**LICS and LICS\_APP Schemas**

**SERVER**

**ICS – Interface Control System**

**ORACLE**

**Local Application Schemas (LADS, BDS, etc.)**

**FILE SYSTEM**

Outbound

Send Scripts

Passthru

Files

Outbound

Files

INBOUND

Directory

BIN

Directory

OUTBOUND

Directory

**AMI**

Parallel

Parallel

Serial

SEND INTERFACE FILES

MQFT

MQIF

Data Junction

Inbound Interface

Loader Package

Outbound Interface

Creation Package

Schema

Tables

**Interface Loading**

LICS\_FILE

Passthru Loader

Inbound Loader

Outbound Loader

File

Processors

Parallel

File Poller

Serial

**Interface Processing**

Passthru Processors

Parallel

Outbound Processors

Parallel

LICS\_DATA

Inbound

Processors

Parallel

UNTRIGGERED

TRIGGERED

**AMI**

Parallel

Serial

Parallel

RECEIVE INTERFACE FILES

Data Junction

MQIF

MQFT

LICS\_HEADER

Inbound Only

JAVA (lics\_filesystem)

JAVA (lics\_filesystem)

**Interface Control System – Inbound Interface Processing**

Logical Job Group

IBREF

**ICS – Interface Control System**

Interface

Inbound Processing Job – IBREF#01

Inbound Processing Job – IBREF#02

Inbound Processing Job – IBREF#03

Inbound Processing Job – IBREF#04

Interface

Interface

Interface

Interface

Interface

Interface

Inbound Loader

OnStart

OnData

OnEnd

Inbound Search

OnData

LICS\_SEARCH

LICS\_INBOUND\_PROCESSOR