



Two products from ACS to enhance Primavera's project management software:

LinkSync

A bidirectional data pump for Primavera. Move data from any data source to and from the Primavera database.

JobCard

Print multi-page Job Cards from the Primavera database.

Case Study

A client had a 40,000 record MS Access-based work management system which they used to print detailed work instructions, often referred to as Job Cards or Task Sheets. This system was rather old, and MS Access did not meet the IT group's specification for multi-user systems. This legacy system was typical of "home grown" solutions which were developed by the Oil and Gas Industry in the era when scheduling packages were insufficiently powerful to deal with data at this level of detail and volume. The challenge was to move this data with its dozens of custom fields, pictures, drawings and sketches into the Primavera database, and create a flexible printing system.

LinkSync is normally used to synchronise data between the Primavera database and large work management systems such as SAP or Maximo on a daily or even more frequent basis. However it is so flexible that it was successfully used to move this data on a one-off basis from the legacy MS Access system into the Primavera database.

JobCard was used to create the work instruction printout from the Primavera database. Each job can print many A4 pages and these incorporate the drawings, photos and sketches from the Primavera database or external data sources. Primavera's excellent facilities for filtering the required data for printing creates a to-do list with the ease that the software is renowned for, and the resulting list is copy/pasted into **JobCard**'s floating tool bar for printing.

Both **LinkSync** and **JobCard** are written in Java, and make full use of Primavera's API (application programming interface) which is the only way of reading and writing data to the Primavera database that Primavera supports, and which ensures that there are no issues when the Primavera database is upgraded.

Aberdeen Computer Services have been providing computerised project management solutions since 1978. ACS are Primavera's authorised representatives in Scotland. However our decades-long experience in the Oil and Gas industry, particularly in the integration of PM systems with other corporate data, means that we have satisfied customers all over the world.





- SCAFFOLD REQUIRED CONFINED SPACE MATERIALS CERT REQUIRED
 LIGHTS REQUIRED FIREWATCH REQUIRED ELECTRICAL ISOLATION REQUIRED
 DECONTAM NOTE REQUIRED CRANE REQUIRED INSULATION TO REMOVE

Line	Job Activity Steps	Duration	Resources
1	ERECT SCAFFOLDING	1	SC
2	PREPARE TEMPORARY LIGHTING	3	EL
3	INSTALL VACUUM PIPING TO SCRUBBER TOP	6	CR, RI, VAC
4	DISCONNECT STEAM TRACING	2	PB
6	REMOVE EARTHING STRAP	2	EL
7	DISCONNECT EXPLOSION DET. INSTRUMENTS	2	IA
8	REMOVE ELEPHANT TRUNKS & HARNESS	4	AMF, CR, RI
9	REMOVE TOP BED LIMIT PLATE	2	AMF, CR, RI
10	SUCK OUT TOP SECTION PALL RINGS	6	VAC
11	REMOVE LEAN SOLVENT DISTRIBUTOR	2	AMF
12	SUCK OUT PALL RINGS	4	VAC
13	REMOVE BOTTOM MANWAY DOOR	2	AMF, PO
14	REMOVE PIE SHAPED SEGMENTS	3	AMF
15	CLEAN OUT CRUCIFORM	2	PO
16	CARRY OUT INSPECTION	10	ENG, PO, PV
17	REFIT PIE SHAPED PIECES	10	AMF
18	WATER TEST	10	PO
19	REFIT BOTTOM DOOR	2	AMF
20	CHARGE PALL RINGS TO LEAN SOLVENT DISTRIBUTOR	6	AMF



PLANT AREA: NI	PRODUCTION AREA: ADN-SYN	PLANNER: DK
EVENT DATE: 25/01/2007	PARENT BERTH: DA21-110	EQUIPMENT NUMBER: DA21110
EQUIPMENT NAME: 'A'OFF GAS SCRUBBER		JOB NUMBER: 01-10000
JOB NAME: ADNB NV & CORROSION DEPT INSPECTION		