

Bacon Software High Level Database Information

All information is stored in a relational data base format.

Links between tables for the most part are on the following fields:

Job Number	Invoice Number	Tooling Number
Packing Slip Number	Customer	etc.,etc.

Module Functions:

Job Quote System	Create Quote, Sales Order, Change Order
Job Trac System	Finalize engineering information, create traveler, scheduling, tracking, MRB, Quality, shipment, packing slips/shipping labels, reporting.
Job Invoice System	Create Invoice, Receipt of Payment Links to accounting systems: Adapta, BusinessVision, Others.

System Links

Job Quote System	Generation of a sales order results in a job created in the Job Trac System. The job number is assigned in JQS, corresponding HEADER, RELEASE, TRAVHEAD and TRAVDET records are created.
Job Trac System	Shipment of job triggers invoice module for invoicing. Job status is changed to "Invoice" which makes them eligible for JIS.
Job Invoice System	System searches for "Invoice" status jobs and creates invoices upon user request. Generation of Invoice loads export tables for linkage to accounting systems.

JQS Key Database Structures:

QHEADER (Quote Header)	High level information about the quote such as customer, part, general details etc. (One record per quote)
QDETAIL (Quote Detail)	Detail line items for the quote.
QBREAKS (Quantity Breaks)	Specific quantity, deliveries for the quote.
QORDHIST (Orders)	Order quantities, lead-times, charges

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JTS Key Database Structures:

HEADER (Job Header)	High level information about the job such as customer, part, rev, total quantity, etc. (One record per job)
RELEASE (Releases)	Individual line items for the job. Specifics on panel sizes, dates, quantities, prices, high level engineering information.
PNLREL (Panel Releases)	Inner Layer release line items (Sub-Assemblies). Specifics for quantity, dates etc.
DELSCHD	Delivery Schedule records linked to the job.
TRAVHEAD (Traveler Header)	Engineering specifics for the job. One record per Job/process combination.
TRAVDET (Traveler Details)	Individual routing steps for the job through the shop.
HISTORY (Movement History)	History of most recent gate the job has been to, when, by whom etc.
DETAIL (Movement Details)	List of all gates a job has been moved to, when and by who, while the job is in manufacturing.
ARCSHIP	All job movements after a job is shipped, from DETAIL.
ARCJOIN	All job movements after a job is joined, from DETAIL.
INPROCES (Inprocess Jobs)	High level information on jobs currently in manufacturing.
MRB (Material Review Board)	Reject Header Information
MRBDTL MRB Details.	Individual line items for rejects.
PSHEADER	Packing Slip Header
PSDETAIL	Packing Slip Detail

Job Invoice System Key Database Structures:

IHEADER (Invoice Header)	Invoice information such as addresses, shipping method, dates, main job, terms etc.
IDETAIL (Invoice Details)	Individual line items from the invoice.
POHEADER	Purchase Order Header information
PODETAIL	Purchase Order Details
RQHEADER	Purchase Requisitions Header information.
RQDETAIL	Purchase Requisition Detail Information.
RMALOG	RMA Information