



# Case Study

## Business Intelligence Solutions: ▶ Nutritional Products Supplier

### CLIENT

#### Nutritional Products Supplier

This Nutritional Products Supplier (NPS) produces and supplies a range of food products targeted to meeting the nutritional needs of infants and young children.



NPS manufactures over 70 different products to over 60 countries throughout the world.

### NEED



NPS was utilizing SAS to generate several reports for quality control and customer service departments, however only a limited group could produce those reports; they were not centrally accessible to the appropriate staff, and did not meet FDA system software guidelines.

NPS desired a system to centralize the library of reports, allowing broad access to the creation of reports while supporting the management of user-specified variables to customize both the output contents and format. Yet another vital requirement was that the report output needed to meet 21 CFR compliance.

### SOLUTION



Pinnacle Solutions created a large library of new and redesigned existing reports within a unique customized new architecture, receiving parameters from and delivering PDF report output to a Java-based custom HTML interface.

Now NPS can both support ad-hoc and scheduled reports, thus allowing NPS personnel to maximize their accuracy and productivity while addressing rigorous FDA software development guidelines.

### BENEFITS



Reports generated by large group of users

Reports accessible to all appropriate users

Highly customizable output

Scheduled Reports auto-generated

Provides FDA software compliance

### TECHNOLOGIES



SAS 9.1.3

SAS/STAT, SAS/GRAPH, SAS/QC, ODS

SAS Integration Technologies

SAS Enterprise Guide

SAS/Access Oracle

SAS Stored Process / Workspace Servers

SAS Management Console

Oracle 9.i

Microsoft Visual Source Safe (VSS)

MKS Toolkit / SSH Secure Shell Client

