

# VSAM Interface

## BENEFITS

- Full-featured reporting and analysis
- Centralized Data Definition Control
- Effective mapping of VSAM structures
- Automatic Data Synchronization
- Control of the data down to the field level
- Efficient data retrieval
- Access to multiple data sources

## Overview

The NOMAD VSAM Interface is a powerful tool for unlocking the information held in VSAM/QSAM datasets. The VSAM Interface delivers the resource control, security and seamless access to multiple data sources needed for their productive use of VSAM data.

NOMAD's interfaces to other mainframe data sources, such as DB2, IMS, IDMS, and Teradata databases, make it easy to link information from multiple sources with VSAM data. Users have a consistent view of the data because NOMAD retrieval and analysis commands operate identically on all supported file types with no special sub-environments to access.

## Interface Facilities

### *VSAM Structures*

NOMAD maps VSAM record structures such as repeating groups, multiple record types, redefines into hierarchies and arrays, allowing them to be used effectively and efficiently.

### *Centralized Data Definition Control*

The Schema, NOMAD's internal data dictionary, adds data validation checks, security constraints, null values, headings, display formats, documentation, and extensive calculations to enhance the VSAM data. A mapping utility pre-populates the Schema based on existing copybook information.

### *Automatic Data Synchronization*

NOMAD protects the integrity of your data by checking the NOMAD definition against the definition of the file you are accessing (IMS, DB2, etc.) and denies access if there is a mismatch.

### *Important Security Features*

Complete control of the data down to the item level is provided which can be combined with any in-house security packages.

### *Resource Efficiency Facilities*

The VSAM Interface has several facilities for improving the efficiency of data retrieval including automatic use of keys for screening records retrieved.

To obtain more information, please contact Select Business Solutions at  
[www.selectbs.com](http://www.selectbs.com) or 1-888-472-7347.