



NATURAL

Natural
Add-On Units
Version 3.1.6 for Mainframes



This document applies to Natural Version 3.1.6 for Mainframes, and to all subsequent releases. Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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Add-On Units - Overview

This document provides an overview of the Natural add-on units and a short summary of their functions.

The following topics are covered:

-  **Natural Advanced Facilities** Consists of NATSPOOL, the spooling and report management system.

NATSPOOL manages Natural program output, thus enabling the output (that is, a report) to be directed to a physical printer.

NATSPOOL also supports the Natural hardcopy facility.
-  **Natural Optimizer Compiler** As a standard, the Natural nucleus optimizes simple arithmetic, assignment, and comparison statements by translating parts of them into machine code. All programs are optimized automatically in this way.

The Natural Optimizer Compiler goes one step further than standard optimization. It compiles not only simple statements to machine code, but also complex statements and statement sequences.

The compiled code is further optimized as far as array range operations, field concatenation, and optimum base register assignment are concerned.
-  **Entire System Server** Makes operating system information and system services available to the user, whether it be an application developer, system programmer, or computer operator.

The Entire System Server does this by providing a logical view of the operating system in much the same way as a database management system provides access to a database such as Adabas or DB2. For this reason, the Entire System Server is often referred to as a virtual database for system data management. With the Entire System Server, a comprehensive number of views are made available.
-  **Review Natural Monitor** Provides response time and user activity information about Natural applications running under the TP monitor CICS. The product includes a User Profile System which is an administrative facility used for defining access privileges to Review.
-  **Entire Transaction Propagator** Allows Adabas users to have duplicate, or replicate, database files in a single database or distributed network. The copies can be distributed throughout a network to provide quick, economical access at user locations.