POS22 - Version 2.2 Algorithm for POS System Function

This Natural profile parameter can be used to assure that fields are marked / referenced correctly.

See also *POS - Field Identification Function* in the *System Functions* documentation.

Possible settings	ON	The old Version 2.2 algorithm will be used and the correct field will be marked/referenced **Note:** Set POS22=ON only if you execute objects using the system function POS which were compiled with Natural Optimizer Compiler Version 2.2. For any other objects, the change in the internal POS algorithm does *not* lead to different results!
	OFF	The algorithm introduced with Natural Version 2.3 is used.
Default setting	OFF	
Dynamic specification	yes	
Specification within session	no	

As of Natural Version 2.3 for Mainframes, the internal algorithm for the computation of the system function POS (internal field identification) is different. As a result, if you execute with Version 2.3 or higher programming objects which use the POS function in conjunction with the MARK option of an INPUT or REINPUT statement or with the system variable *CURS-FIELD *and* which were compiled with Version 2.2 of the Natural Optimizer Compiler, the wrong field may be marked/referenced.

⚠ **Warning:**
This parameter will be available only for a limited period of time to allow you a smooth transition from Version 2.2. It will be removed again with a subsequent release of Natural.

In a z/OS Parallel Sysplex environment, or if the Natural thread size makes buffer reallocations necessary, POS22=ON cannot always be guaranteed to yield the desired results. In these cases, the objects concerned should be recataloged in the new version of the Natural Optimizer Compiler to ensure correct POS result.