# Texas NIST Type 2 format

This page constitutes the definition of the User-defined Type 2 NIST format for the State of Texas. The NIST Type 2 format is described in the _Data Format for the Exchange of Fingerprint Information_ (ANSI / NIST - CSL 1 - 1993) , pp 7-8 as:

> _The format of each field shall consist of a field number followed by a colon (:), followed by the information item(s) appropriate to that field....  For Type 2 logical record, field numbers have the format T.xxx where "T" is the logical record Type and "xxx" is a sequentially assigned field number within that record Type.  Subfields within a field shall be separated by the RS character. Individual information items within a field or subfield shall be separated by the US character.  In addition to the identifying number, information fields shall be separated from other information fields by the ASCII control character, Group Separator, GS._

For Texas Type 2 tagging purposes, DPS specifies that the EH, EHN and ER2 segments, in their entirety, will be tagged, not individual data fields.  The layout and contents of the EH, EHN and ER2 segments can be found in the _Remote Terminal Interface_ document (DPS 08/04/1999).

The first part of the Texas Type 2 record will be the record length (tag 2.001) and the IDC (tag 2.002) that links the Type 2 record to the Type 4 record.  The remainder of the Texas Type 2 record will be constructed with the tagged EH, EHN and ER2 segments, separated  by the "GS" Group Separator.  If the EHN and/or ER2 segment occurs multiple times within the same Texas Type 2 record, the "RS" Subfield Separator will be used to segregate the multiple occurring segments.  The "FS" File Separator will be used to mark the end of the Texas Type 2 record.

**Texas Type 2 Example:**

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2.001:(Numeric record length)$^{G}_{S}$2.002:(IDC number)$^{G}_{S}$2.410:EH (Identification Section)$^{G}_{S}$2.411:EHN (Identification Supplement)$^{R}_{S}$EHN(Additional Identification) $^{G}_{S}$2.412:ER2(1st arrest charge)$^{R}_{S}$ER2(2nd arrest charge)........$^{F}_{S}$

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Transmissions to the DPS Networked AFIS Transaction Management System (NATMS) from all sources (Livescans and dissimilar AFIS terminals) will encapsulate the Type 1, Texas Type 2 and Type 4 NIST formats for each arrest event reported to DPS.  Once received at DPS, the NATMS will construct the FBI Type 2 record for submission to IAFIS.