

Police Corporate Data Model (CorDM)

PNC Drivers Business Area View

REFERENCE: Police CorDM PNC Drivers Business Area View

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VERSION NUMBER: 7.1

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Product Control Page

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Issue Control:		
Version	Date	Description
Version 1.0	31-07-2003	Publication in CorDM version 1
Version 2.0	31-12-2003	Updated to Version 2 standard
Version 3.0	31-08-2004	Updated to Version 3 standard
Version 4.0	31-03-2005	Updated to Version 4 standard
Version 5.0	30-11-2005	Updated to Version 5 standard
Version 6.0	30-11-2006	Updated to new PITO template
Version 7.0	30-11-2007	Updated to Version 7 standard
Version 7.1	30-04-2010	Updated to Version 7.1 standard

1 PURPOSE

This paper provides a model of the PNC Drivers database within the CorDM. It also covers the scope of the PNC Disqualified Drivers file (DD), which is largely superseded by the PNC Drivers application.

2 BACKGROUND

The Drivers database brings to operational officers on a nation-wide basis a one-stop-shop from which an officer can see a person’s entitlements to drive, endorsements and related information.

3 DATA MODELLING NOTES

The PNC Drivers concepts have been modelled as follows:

PNC concept	CorDM class
Driving Licence	Modelled as Business Info since it is a document containing information of use to the police. The Physical Object (the physical driving licence) is neither modelled nor tracked in this context. It is the information content that is important.
Person details	Details of the person’s name, driver number, date of birth, sex and address, as held on the driving licence are provided by classes in the person hierarchy which can be linked back to the licence.
Cross References To Other Licences	PNC holds the Driver Number, Name and Valid Until Date for up to 20 licences – one being the current licence and others being previous licences. In the CorDM this is emulated by occurrences of Person Identifier holding any number of Driver Numbers and Names holding any number of names used. Furthermore, the CorDM allows a person to hold any number of licences either simultaneously or over time.
Disqualification	Although this is held as a separate file on the PNC, a disqualification results from an endorsement and, as such, is also held on the Drivers database as attributes of Endorsement and associated classes. The PNC Manual states that DD will cease to exist due to the Drivers application.
Summary Of	Not modelled – it can be derived from the full

Driving Offences	offences.
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Disqualified Driver functionality includes a date dispute mechanism between Police and DVLA data. However, this is not modelled since the Disqualified Drivers application will be turned off once nation-wide use of the Drivers application is achieved.

Note that when a person who does not hold a UK driving licence is disqualified from driving a dummy licence record is created by the DVLA and sent to the PNC. The model, therefore, covers the disqualification of such people.

PNC Drivers is presented as a single diagram in Figure 1 below.

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PNC Drivers Business Area View

CorDM V7.1

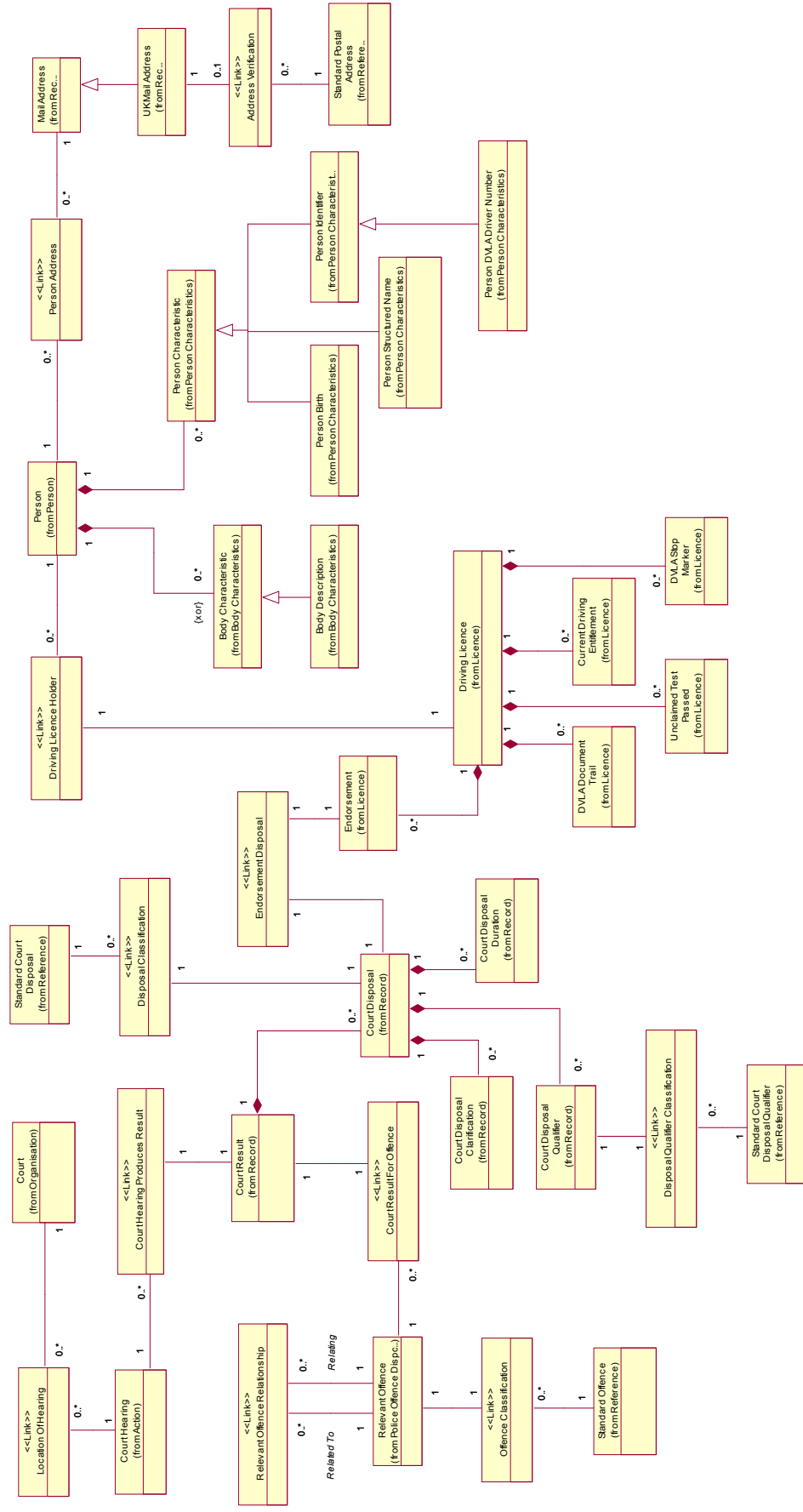


Figure 1: PNC Drivers

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