
UnRisk

Release Notes Version 8.1

(September 2015)

1. Introduction

This document gives an overview of the changes in UnRisk from Version 8.0 to Version 8.1

See the following sections for a detailed overview.

For installing the software (new installation or update from an older version), follow the steps in the installation instructions.

2. New Instrument

2.1. New Instrument: Forward Starting Commodity Future

In version 8.1 of UnRisk we introduce forward starting commodity futures - i.e. commodity futures with a start date lying in the future

3. New Valuation Features

3.1. Valuation of (Callable / Puttable) General Constant Maturity Swaps under a Multi Curve 1 Factor Model

In version 8.1 of UnRisk we introduce the possibility to price callable / puttable general constant maturity swaps under a Multi Curve 1 Factor model (survival probabilities may also be calculated under this model).

3.2. Valuation of (Callable / Putable) Ratchet Swaps under a Multi Curve 1 Factor Model

In version 8.1 of UnRisk we introduce the possibility to price callable / putable ratchet swaps under a Multi Curve 1 Factor model (survival probabilities may also be calculated under this model).

3.3. Valuation of (Callable / Putable) Snowball Swaps under a Multi Curve 1 Factor Model

In version 8.1 of UnRisk we introduce the possibility to price callable / putable snowball swaps under a Multi Curve 1 Factor model (survival probabilities may also be calculated under this model).

3.4. Valuation of (Callable / Putable) Digital Range Accrual Swaps under a Multi Curve 1 Factor Model

In version 8.1 of UnRisk we introduce the possibility to price callable / putable digital range accrual Swaps under a Multi Curve 1 Factor model (survival probabilities may also be calculated under this model).

3.5. Valuation of Target Redemption Swaps under a Multi Curve 1 Factor Model

In version 8.1 of UnRisk we introduce the possibility to price target redemption swaps under a Multi Curve 1 Factor model (survival probabilities may also be calculated under this model).

3.6. Valuation of General Interest Rate Swaps under 2 Yield Curves

In version 8.1 of UnRisk we introduce the possibility to price general interest rate swaps under two yield curves - the first one used for discounting, the second one used for the calculation of the forward LIBOR rates. This extension is only available in the UnRisk PRICING ENGINE.

4. New Scenarios: Factor Scenarios for Equities / FX

4.1. New Scenario Type: Factor Scenario

In version 8.1 of UnRisk we introduce the possibility to construct factor scenario objects which may be applied to equity prices and fx rates. This new functionality is only available in UnRisk-Q.