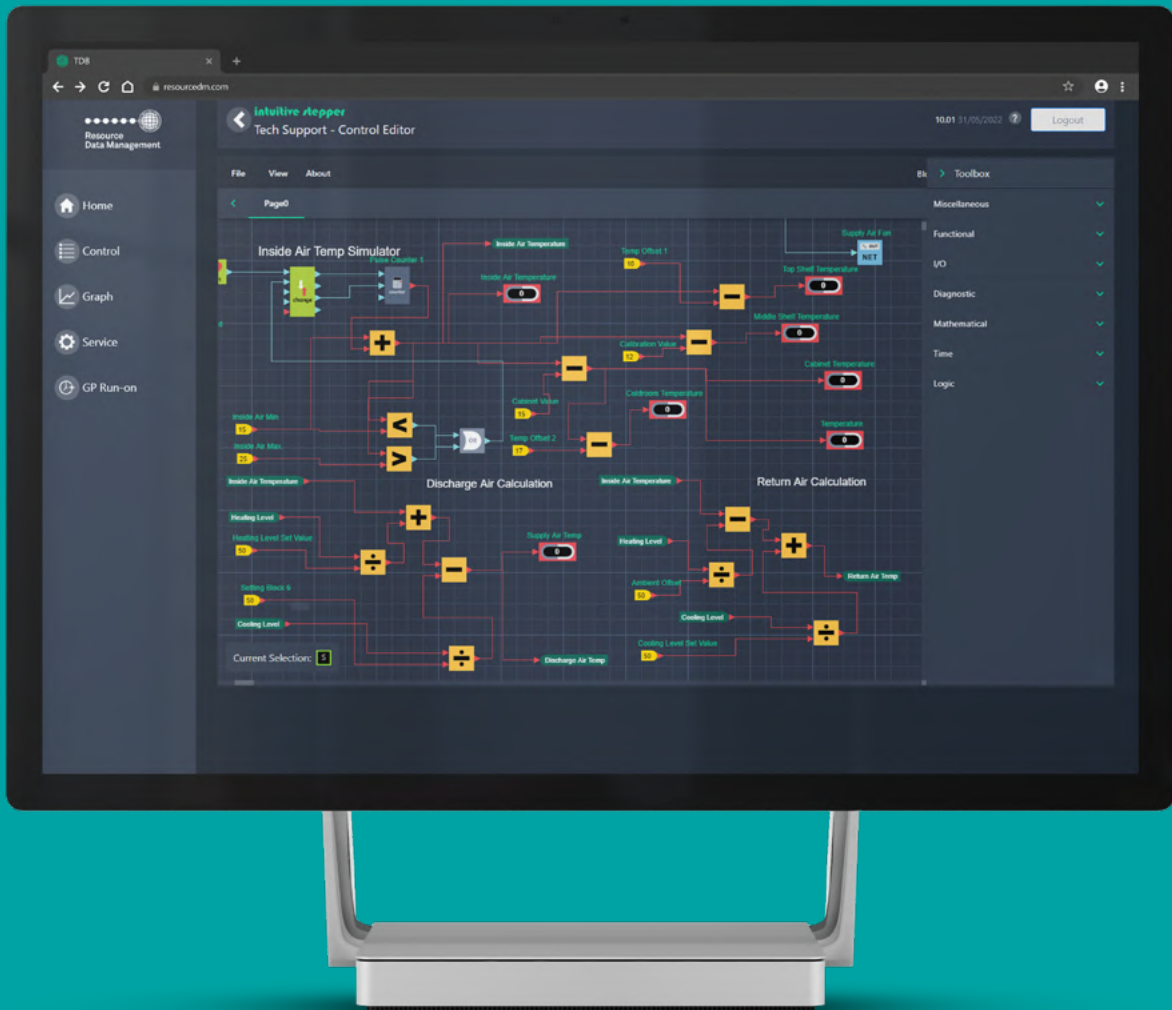


# The Data Builder (TDB) Editor



## FLEXIBLE PLC PLATFORM FOR CUSTOM CONTROL STRATEGIES

The Data Builder (TDB) is a programmable logic controller (PLC) platform from RDM. A comprehensive library of functional programming blocks can be used to create control programs for HVAC, refrigeration or BMS applications. A variety of RDM control products are capable of hosting TDB programs.

The TDB Desktop Editor, allowing users to view, design and simulate TDB programs, is available to download for free from the RDM website. TDB program files can be saved securely to protect intellectual property, and can be easily transferred and uploaded to TDB devices.

## Overview

The TDB Editor features over 100 built-in logic blocks for use on a drag-and-drop canvas to create programs as sophisticated or as simple as the application requires. Advanced blocks can facilitate remote commands and peer-to-peer communication over a network, incorporate custom LUA code, and much more.

Users can create custom blocks from pre-designed programs and can copy and paste between multiple programs. Convenient help menus, wiring diagrams, and program simulations support users through the design and verification process.

TDB programs can be hosted on a number of RDM devices with varying program and block limits. Expansion boards and daughter cards increase the scope of programs on supported host devices. A program file is uploaded easily to a host device via a direct or web-based PC connection.

Files can be password protected to secure sensitive details or prevent unauthorised access to critical control strategies. A sophisticated TDB Web Editor, Java-free and accessible through a standard web browser, allow users to quickly view and edit TDB programs directly within the TDB device without downloading the full desktop software.

## Key Features

- Over 100 built-in functional blocks
- Custom block creation for quick and easy program development
- Generate wiring diagrams for engineers to use on site or for O&M manuals
- Simulate TDB programs to prove correct operation before deployment on site
- Share key control values between devices, using peer to peer, to reduce wiring and sensor costs
- Code Block allows the use of the powerful LUA programming language

## Ordering Information

DESCRIPTION	PART NUMBER
DMTouch TDB Enabler (Full)	PR0485
miniDM TDB Enabler (Full)	PR0485-MD
DMTouch TDB Enabler (Lite)	PR0485-LITE
miniDM TDB Enabler (Lite)	PR0485-MD-LITE



**FREE** Free-to-download Editor Software



Downloadable, transferable program files



BMS Control Solutions



Secure

## Supported TDB Products

PRODUCT	SIMULTANEOUS PROGRAMS	BLOCKS
DMTouch*	16	4,096
miniDM*	1	4,096
DMTouch / miniDM LITE*	1	100
Intuitive TDB	1	10,000
Mini Intuitive TDB	1	10,000
Intuitive Mercury TDB	1	2,048**
TouchXL TDB Controller	1	10,000

\*TDB option must be enabled on DMTouch and miniDM

\*\*Dependent on block types use