

## 1.1 TUFLOW and TUFLOW FV Software locks

Product	Description	Purchase Price (excluding applicable taxes)			
		AUD	EUR	GBP	USD
<b>Local 1 Lock</b>	Allows the user to run up to one simulation on a computer that has the Local 1 Lock attached.	\$6,000	€3,900	£3,650	\$6,000
<b>Local 4 Lock</b>	Allows the user to run up to four simulations on a computer that has the Local 4 Lock attached.	\$9,000	€5,900	£5,500	\$9,000
<b>Additional Local 4 Locks</b>	The price for each additional Local 4 Lock purchased by the same user (i.e. same office and same organisation) is discounted.	Purchase Price less discount of: 15% for 2 <sup>nd</sup> Local 4 licence 30% for 3 <sup>rd</sup> to 10 <sup>th</sup> Local 4 licences 50% for 11 <sup>th</sup> Local 4 licence onwards.			
<b>Multi-Core Local Locks</b>	Local 8 – Up to 8 Simulations	\$14,400	€9,440	£8,800	\$14,400
	Local 16 – Up to 16 Simulations	\$22,500	€14,750	£13,750	\$22,500
	Other multi-core options	Price upon request			
	A 15% discount is applied if the organisation has three or more Local 4 licences.				
<b>Network Locks</b> (allowing multiple users and simulations across the licensee's intranet)	Network 1 - Maximum 1 Simulation	\$9,000	€5,900	£5,500	\$9,000
	Network 3 - Maximum 3 Simulations	\$18,000	€11,800	£11,000	\$18,000
	Network 5 - Maximum 5 Simulations	\$22,500	€14,750	£13,750	\$22,500
	Network 8 - Maximum 8 Simulations	\$31,500	€20,650	£19,250	\$31,500
	Network 10 - Maximum 10 Simulations	\$36,000	€23,600	£22,000	\$36,000
	Network 15 - Maximum 15 Simulations	\$45,000	€29,500	£27,500	\$45,000
	Network 20 - Maximum 20 Simulations	\$54,000	€35,400	£33,000	\$54,000
	Network 30 - Maximum 30 Simulations	\$72,000	€47,200	£44,000	\$72,000
	Network 50 - Maximum 50 Simulations	\$108,000	€70,800	£66,000	\$108,000
	Network 75 - Maximum 75 Simulations	\$144,000	€94,400	£88,000	\$144,000
	Network 100 - Maximum 100 Simulations	\$180,000	€118,000	£110,000	\$180,000
Other network lock options		Price upon request			

1. WIBU Codemeter USB locks offer substantial benefits in terms of performance and are recognised by 32 and 64-bit versions of TUFLOW Products.
2. Prior to WIBU locks, Softlok USB or Parallel Port locks were issued. Softlok locks will continue to be supported for 32-bit versions of TUFLOW, and can still be upgraded. Softlok can not offer 64-bit support for its dongles.
3. TUFLOW FV is parallelised allowing a single simulation to utilise more than one thread (i.e. more than one CPU or core). The maximum total threads activated by TUFLOW FV simulations is limited to twice the maximum number of TUFLOW FV licences available across all dongles.

## 1.2 TUFLOW and TUFLOW FV Optional Modules

TUFLOW Modules	Description	Price
<b>Multiple 2D Domains Module</b>	Allows any number of 2D domains of differing cell size, orientation and dimensions.	50% of the equivalent TUFLOW Engine Licence Price
<b>Advection Dispersion Module</b>	Provides access to the advection-dispersion module.	100% of the equivalent TUFLOW Engine Licence Price
<b>Water Quality Module</b>	Water quality module.	Module under development.
<b>MORPH Module</b>	Available for purchase as part of a bespoke set up, apply and carry out training using the module.	Contact <a href="mailto:tuflow@halcrow.com">tuflow@halcrow.com</a> for a customised quote
<b>MapInfo and TUFLOW Productivity Utilities (miTools)</b>	Allows the user to access miTools. It can be installed on unlimited machines within the user's office(s) and be purchased at a later date than the TUFLOW licence.	15% of the users total base TUFLOW value (i.e. total licence(s) value excluding modules)
TUFLOW FV Modules	Description	Price
<b>Advection Dispersion Module</b>	Performs advection dispersion simulations that can be used to simulate plumes, flushing studies, saline intrusion, etc. Includes a heat exchange formulation for thermal studies.	100% of the equivalent TUFLOW FV Engine Licence Price
<b>Sediment Transport / MORPH Module</b>	Carries out sediment transport simulations, including morphological update.	100% of the equivalent TUFLOW FV Engine Licence Price
<b>3D Module</b>	Allows full 3D hydrodynamic solutions.	Module currently being beta-tested
<b>Water Quality Module</b>	Water quality module.	Module under development.

## 1.3 Support and Maintenance

Product	Description	Price
<b>TUFLOW and TUFLOW FV Locks (including modules)</b>	Our technical support team are experts in software development, user support and the application of TUFLOW to real-world problems. We provide advice on software installation, model running and software functionality.  Support and maintenance also entitles the user to future updates, tools and new features of the software at no additional cost.	15% of licence value (including modules).
<b>MapInfo and TUFLOW Productivity Utilities (miTools)</b>		5% of the user's total base TUFLOW value (excluding any modules).

## 1.4 Miscellaneous

TUFLOW Modules	Description	Price			
<b>Academic Licence Discount</b>	For academic institutions for non-commercial use.	50% discount			
<b>Upgrade of an Existing Lock</b>	Upgrading a licence (e.g. from a Local 4 to a Network Lock) is allowed. Other licences cannot be returned or refunded as part of an upgrade.	The difference in price between the two licences.			
<b>Exchange of a Softlok lock to a WIBU lock, or replacement of an existing lock</b>	Softlok locks exchanged for a WIBU lock, or locks that are damaged and need to be replaced. Please note that if a lock becomes faulty through normal use, there is no replacement charge.	AUD	EUR	GBP	USD
		\$350	€275	£250	\$350
<b>Loss of an Existing Lock</b>	The user is responsible for taking out insurance against the loss, theft or disappearance of the lock.	Replacement cost upon application			

## 1.5 Rental

TUFLOW products can be leased at 10% of list price list per month (this includes Support and Maintenance). Software cannot be leased for less than one month. 50% of any continuous lease payments will be deducted from the list price should the user wish to convert the licence to a full licence at the end of a rental period, e.g. If the Local 4 Lock list price is £5,500, then a 6 month lease costs  $6 \times 0.10 \times £5,500 = £3,300$ .

Therefore, 50% of the total lease payment is £1,650 which will be deducted from the list price (£5,500) of the software when upgrading to a full licence. If the rental period is extended within one month of expiry, then this is considered as a continuous rental period (up to a maximum of 12 months) when calculating this discount.

Rental dongles should be returned to Halcrow within two weeks of the expiry of the rental period, unless agreed otherwise. If you wish to convert the rental license to a full license, you must notify Halcrow within 1 month of the rental expiry date.

## 1.6 Contact us

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