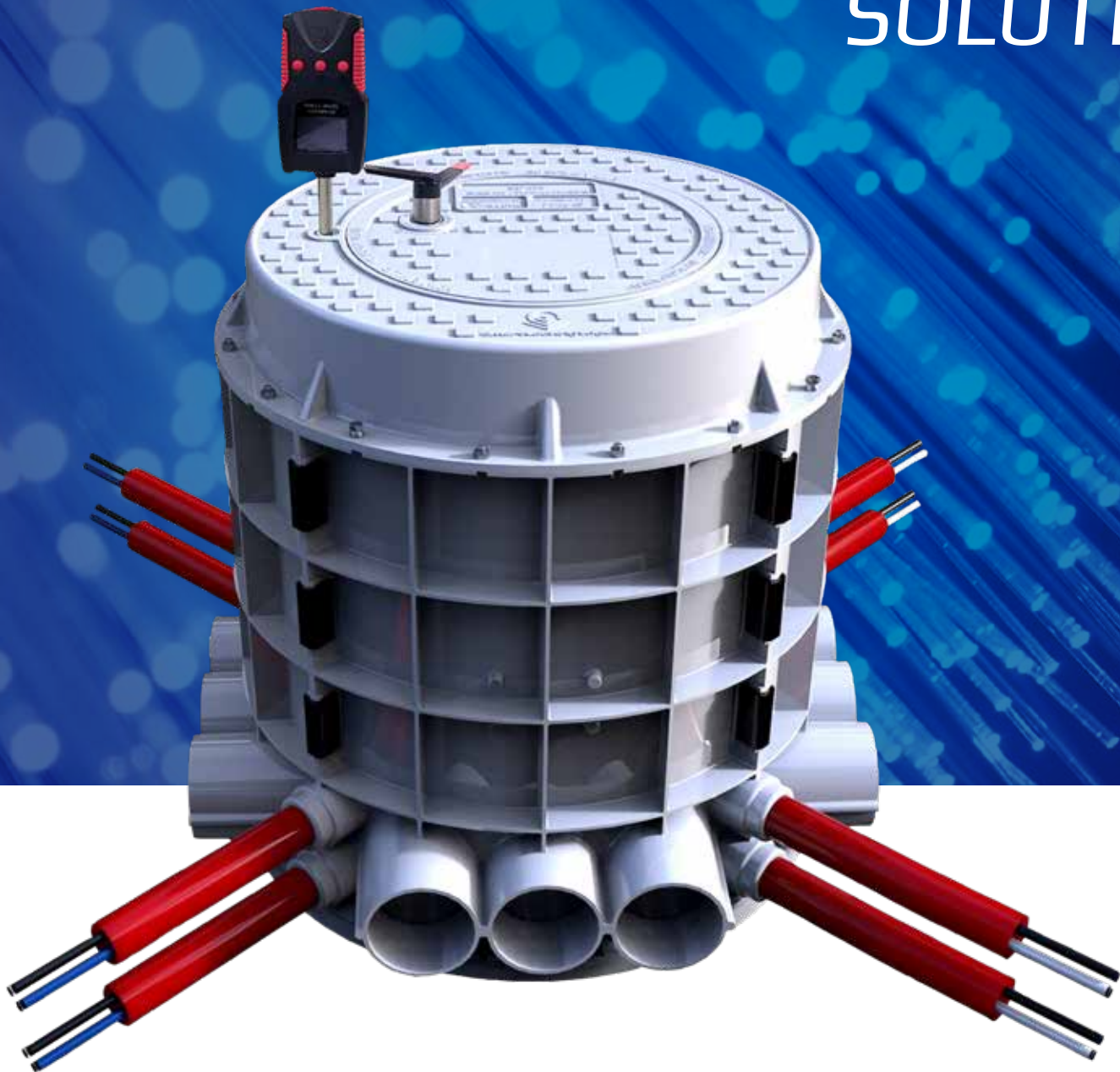


RHI-NODE ACCESS CHAMBER SOLUTION



RHI-NODE ACCESS CHAMBERS

Smartlock has built a world class reputation for developing and manufacturing innovative access management systems.

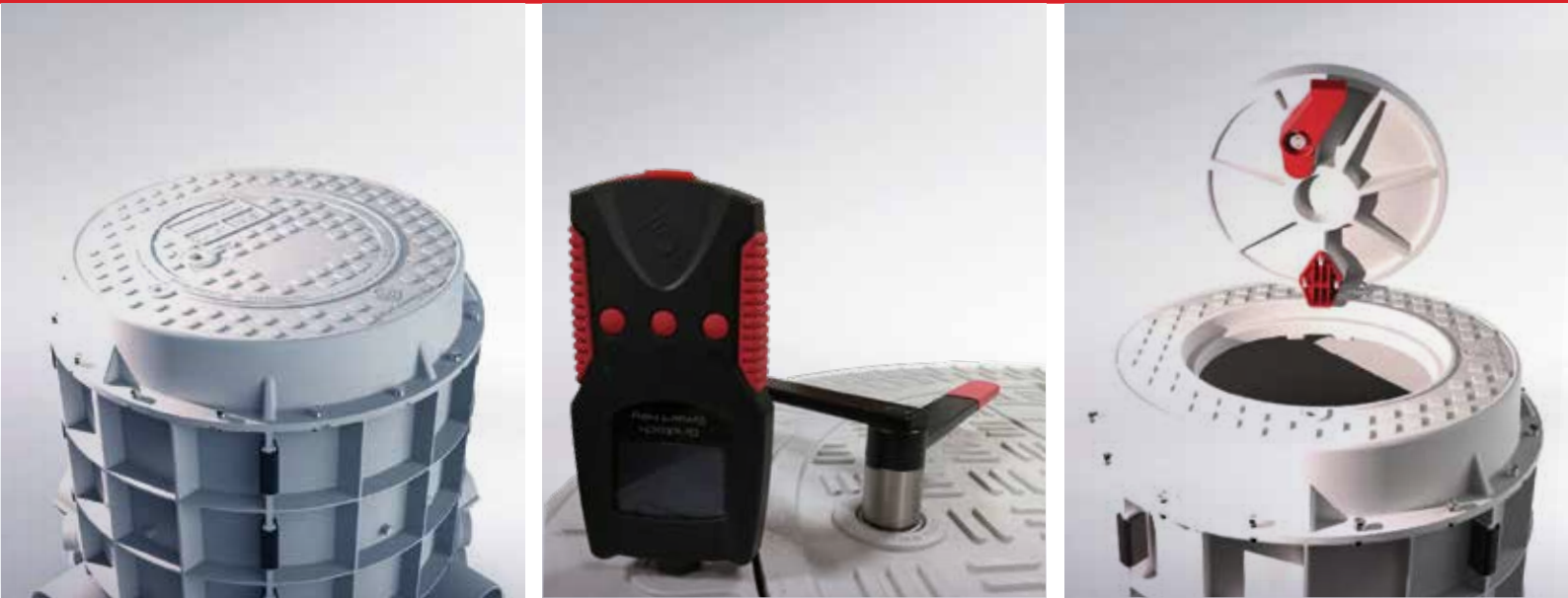
We offer a range of unique and revolutionary access chamber solutions that fully addresses all the functional requirements for deployment in Telecommunications and Utility infrastructure applications.

Our access chambers are characterized by market leading performance in ergonomics. Ease of use, load carrying capability and service life. Solving problems that utilities face daily, Smartlock supplies features that enhance the utility's ability to leverage logistical benefits, and cutting edge electronic locking technologies.

KEY FEATURES:

- **Manufactured from High-strength, light-weight SMC (Sheet Moulded Compound) for one person operation**
- **Corrosion resistant**
- **UV resistant**
- **No scrap value**
- **Knock-out duct entries**
- **Optional integrated GLAM electronic locking solution**
- **Integrated slack management brackets**
- **Slip resistant tread pattern**
- **Impact resistant**
- **Custom branding**





MATERIALS

The various materials utilised within this range have been selected based on extensive research into the functional requirements of each component. Main components such as the lid, coping and base are manufactured from SMC (Sheet Moulded Compound) which is part of the GRP (Glass Reinforced Polyester) family of materials. This material is extensively utilised in the motor vehicle and transportation industry as a light-weight, high-strength replacement for metal components. Other complementary characteristics include UV stabilisation in its natural form, fire retardant characteristics, as well as impact resistance due to flexing capacity. Various other internal components are manufactured from specialised materials, each supporting the unique requirements for the component.

“ The integrity of DFA’s infrastructure is premised on accurate asset management, continuous monitoring and efficient control of access by fibre technicians. DFA has been relying extensively on the Smartlock solution and non-metal manhole chambers to achieve this. It differentiates DFA in the market place in terms of its superior network up-time. ”

CEO, DFA

RANGE OVERVIEW



RHI-NODE 300			
DAYLIGHT OPENING	DEPTH	COPING SIZE	DUCT CONFIGURATION
200 mm	300 mm	285 x 285 mm	4 x Ø 20 mm Knock-out 4 x Ø 25 mm Knock-out 2 x Ø 50 mm Knock-out
Weight		Load Rating	
5 kg		SANS 558 Light Duty (7kN)	

Only available with mechanical locking option.



RHI-NODE 600			
DAYLIGHT OPENING	DEPTH	COPING SIZE	DUCT CONFIGURATION
350 mm	600 mm	Ø 600 mm	8 x Ø 50 mm Split Entry 12 x Ø 110 mm Knock-out
Weight		Load Rating	
46 kg		SANS 558 Medium Duty (40kN)	

Mechanical or electronic locking option available.



RHI-NODE 1000			
DAYLIGHT OPENING	DEPTH	COPING SIZE	DUCT CONFIGURATION
650 mm	1000 mm	Ø 900 mm	4 x Ø 160 mm Split Entry 12 x Ø 110 mm Knock-out
Weight		Load Rating	
95 kg		EN-124 B125 (125kN)	

Mechanical or electronic locking option available.



HD700 Lid & Frame (for Pre-cast chamber)			
DAYLIGHT OPENING	DEPTH	COPING SIZE	DUCT CONFIGURATION
650 mm	N/A	To customer specification	N/A
Weight		Load Rating	
35 kg		EN-124 B125 (125kN)	

Mechanical or electronic locking option available.