



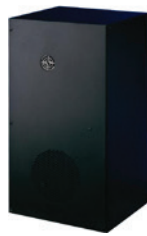
History 1993 - 2013

MSS Professional Ltd SmokeCloak History 1992 - 2011

MSS Professional is the world's leading supplier of fog security systems under the SmokeCloak® brand.

MSS Professional was established following the acquisition of Martin Security Smoke - the company originally known as SmokeCloak®.

SmokeCloak Ltd. effectively defined and developed the security fog industry back in the early 1990's.



1992 / 1993

1992: Prototype is made

1993:

January:

SC150: First commercial SmokeCloak. Fault circuits but no monitoring by alarm panel output. 150m in 30 sec. Most of these machines have been upgraded or only used as demos.

June:

SC150: Battery Back up introduced.

November:

SC150: Revised main control board. Fault outputs including fluid monitoring, mains failure and incorrect temperature. Improved case design.

1994

January:

SC150: First 110 volt version
SC250: New control PCB, switch to zero volts triggering

CS120D: Voice warning module introduced

March:

SC250: Higher power: 250m in 30 sec. Improved casework/paint finish.

WM350: Wall bracket introduced.

June:

SC100: Introduced basic machine for small areas 100m in 30 seconds.

October:

Classic 6 dedicated SmokeCloak alarm panel.



1998

Previewed:

System 2000: Cloaksensor verification

System 4000: Battery backup standard

Our first SMOKECLOAK (System 15) installed

1999

Full production March:

System 8000:

Flush wall mounting with integral bracket.

Surface mount electronics

Microprocessor controlled

Improved heat exchanger dynamics

Fire alarm inhibit

Fluid sensors

Battery monitoring

Mains monitoring

SY2000 155 m3 in 30 seconds

SY4000 250 m3 in 30 seconds

SY8000 400 m3 in 30 seconds

August:

System 2000: Special version for ATM protection
ATM

System 88: Discontinued

October:

System 24: Based on System 2000

MK III: Dedicated 24volt system



2003

Instant Protection Range launched:

IPX25: Introduced warehouse system

IPL3000: 3000 watt security strobe

IPA125: 125db anti intrusion sounder

IPSS: First showing of the new IPS range

IPS7

CS140D: Introduction of new voice module

UK Installation service

UK Maintenance service

2004

January:

SY4000X: Introduced for daytime raid attacks

July:

IPS7: Discontinued

2005

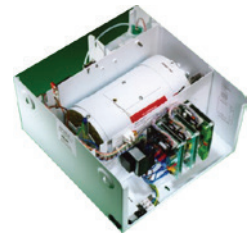
May:

IPS2: Restyled SY 2000

IPS4: Restyled SY 4000

IPS4X: Restyled ST 4000X

Smokecloak Australia formed



1995

February:
SC250: Outer heater block design change - Rubber mounts for pumps.
October:
SC250/SC100: T330 timer with T330V alarm verification facility
November:
SC250: Filter for CE mark fitted
SC100: Discontinued
Smokecloak Canada formed

1996

February:
SY15: Improved insulation - lower power consumption.
SY35: New models launched - all CE approved - no ventilation
SY55: Horizontal or vertical mount.
SY15 70m in 30 sec.
SY35 185m in 30 sec.
SY55 250m in 30 sec.
SC250: Discontinued
May:
SY55: New electronic control boards fitted - now same family of boards in all models.
September:
SY15: MK2 version with new alarm interface
SY35: Timer & verification part of main control circuitry.
SY55: Improved outputs with LED drivers for heater on, system ready and fault condition.
Smokecloak USA formed

1997

System 24: Vehicle unit introduced
System 88: Stand alone system introduced
September:
System 99: Introduced
October:
System 24: Version launched
MK II: Version launched



2000

June:
SY2000: Plastic fluid pipes, changed to copper
SY4000: Version 1.4 software introduced
SY8000: Revised fluid sensors

2001

December:
 Martin Security Smoke A/S acquired the assets and business of SmokeCloak Ltd excluding USA. Martin Security Smoke Ltd.

2002

January:
SY1000: Introduced as a lower powered SY2000



2008

March:
VALI V5
VALI V10
VALI V20

2010

August:
SmokeCloak Private

2012

January:
Main application brochure
IPA 117





How it all started...

In the early seventies Paul Dards formed a business in the world of In Car Entertainment – the company specialised in the sales, repair and maintenance of car audio equipment, and over the next 20 years became one of the largest and most successful in the country. With retail outlets in Luton and Milton Keynes, and a trade repair business for other specialists throughout the South of England.

However in 1992, their business was burgled a total of seven times in eight months. Paul knew he had to find a solution.

And so SmokeCloak was born, no thought of a commercial opportunity – this was survival. The concept of artificial fog was initiated by memories of London fogs and the message from the police that it was not possible to stop a determined thief - only slow him down, what could be a better way than a really thick artificial fog?

The first prototype was produced in 1992 and clouds of smoke emanating from his buildings at regular intervals as he tested/demonstrated his "baby". What was even more astonishing was that the burglaries stopped – never to be repeated. The 'fog' was so thick that visibility was reduced to less than arms length in a matter of seconds. The jungle telegraph had worked Dards Electronics had become a "no go" area for the villain!

The SmokeCloak product was launched in 1993 and produced an amazing media reaction - newspapers, radio and TV all featured this eccentric new idea.

It has taken a huge amount of money, work, travel and marketing to take the product to where it is today – sold in over 50 countries. Attention was paid to the safety aspects, to prevent unwanted activations both during day and night.

Protecting all types of environments from banks to military stores, police stations to schools, shops to offices, houses to castles, and the first electronic security device to obtain police approval. Now specified by insurance companies and safely preventing millions of pounds of losses every day with virtually a 100% success record.

Paul and Linda sold the Car audio business in 1995 to focus totally on SmokeCloak.

In December 2001 the SmokeCloak organisation was purchased by the Martin Group of Denmark bringing a new level of expertise to the business that is changing the face of security on a global basis, and has only scratched the surface of this £billion market.

During 2008 the Martin Security Smoke company was purchased by a group of Danish entrepreneurs and now the company trades as MSS Professional Ltd.

During 2008 the current managing director, Nick Bigler, who finds the security business very interesting and already owns other security companies. Scanned the market for Security fog, and decided to buy and develop the marked leader. – SmokeCloak, by Martin Security Smoke.

The focus was to innovate the security fog again, by new products and new distribution channels, and after one year in 2009, the new generation of fog generators was launched under the name SmokeCloak VALI, and a lot of new geographic markets were growing rapidly.



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