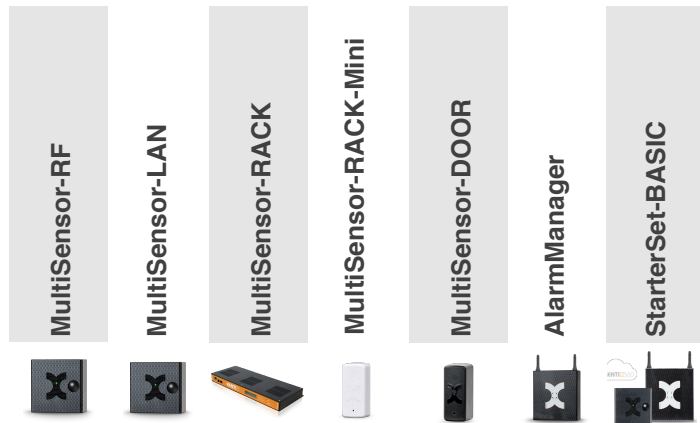


# Threat Matrix

Which device monitors which threats?



Number of monitored threats		20	19	25	10	10	19	30
#		<b>TEMPERATURE - HVAC - ENVIRONMENTAL PROBLEMS</b>						
1	Overheat	✓	✓	✓	✓	✓		✓
2	Subnormal temperature - frost	✓	✓	✓	✓	✓		✓
3	Faulty air condition	✓	✓	✓	✓	✓		✓
4	Faulty dehumidification	✓	✓	✓	✓	✓		✓
5	Faulty air condition control	✓	✓	✓	✓	✓		✓
6	Clogged filter	✓	✓	✓			✓	✓
7	Failure AC device	✓	✓	✓			✓	✓
#		<b>SMOLDERING FIRE - FIRE</b>						
8	Smoldering fire cables / devices	✓	✓	✓				✓
9	Smoldering fire electricity distributor	✓	✓	✓				✓
10	Defective components	✓	✓	✓				✓
11	Fire - fire gases	✓	✓	✓				✓
12	Battery degasification (H-hydrogen)	✓	✓	✓				✓
#		<b>BURGLARY - THEFT - SABOTAGE</b>						
13	Unauthorized access	✓	✓	✓	✓	✓		✓
14	Incursion	✓	✓	✓	✓	✓	✓	✓
15	Attempted incursion				✓	✓		
16	Accessing unauthorized sub-areas (Racks, Cabinets)	✓	✓	✓	✓	✓	✓	✓
#		<b>DEVICES -HARDWARE FAILURE</b>						
17	Power loss - failure						✓	✓
18	Loss of active system components						✓	✓
19	Loss of services (HTTP, SMTP, VPN, DB etc.)						✓	✓
20	Performance loss						✓	✓
21	Sabotage - Theft				✓	✓	✓	✓
22	Defective fans						✓	✓
23	Fault signal of external devices						✓	✓
#		<b>WATER INTRUSION - MOISTURE (Optional leakagesensor needed)</b>						
24	Open windows	✓	✓	✓				
25	Defective plumbing in the room	✓	✓	✓			✓	✓
26	Defective plumbing in adjacent rooms and floors	✓	✓	✓			✓	✓
27	Leakage air condition	✓	✓	✓			✓	✓
#		<b>CURRENT - VOLTAGE - POWER QUALITY</b>						
28	Power failure	✓		✓			✓	✓
29	Overvoltage - peak			✓				
30	Power flicker - temporary power outages			✓				
31	Power undervoltage			✓				
32	Deviation of power / UPS-frequency			✓				
33	Overcurrent - overload			✓				
34	UPS operation						✓	✓
35	UPS defect - disorder						✓	✓
36	UPS battery failure						✓	✓
37	UPS residual maturity						✓	✓