



8th ANNUAL-

SDM 70 NEHUNDRED

THE INDUSTRY'S TOP COMPANIES

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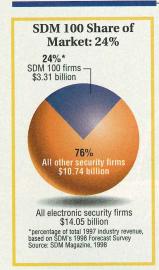
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Alarmguard Inc.'s newly renovated central station in Orange, Conn., connects with 64,000 subscribers.
Alarmguard grew from \$15.6 recurring annual revenue in 1996 to \$25 million in 1997. Also see News, p. 50.



The Race for RMR

Nowhere is the race for critical subscriber-account mass as apparent as in SDM's 8th annual list of the largest electronic security firms — the SDM 100.



The top 100 firms captured about a fourth of total industry revenue. This market share has remained steady over the past eight years.

By Laura E. Stepanek Senior Editor, SDM

he biggest news among the 1998 SDM 100 is overall growth in subscriber accounts. The number of customer contracts held by SDM 100 firms has nearly doubled in the past five years—increasing from 3.02 million at year-end 1992, to 5.9 million in 1997. That's an average annual growth rate of 15 percent.

The race for RMR (recurring monthly revenue) is at a feverish peak, as weekly news of acquisitions cycles through the industry. What dealers and other insiders have known for years has more recently been embraced by new investors and operators: that is, unlike installation and service, monitoring of alarm subscribers can be an extremely lucrative business—especially for firms with lots of subscribers.

One outcome of all this interest in subscriber contracts is that more firms than ever have minimized or eliminated their sales and installation business to focus strictly on monitoring. Dozens of dealer programs have sprung up that outsource sales and installation to smaller "feeder" companies.

True or False Growth?

Some people question if the high growth rate in monitored accounts stems from organic industry growth or is simply a mark of customer ownership shifting from the small and medium to the larger players?

The answer is probably both.

While many SDM 100 firms, such as ADT, SecurityLink from Ameritech, Protection One, and even smaller companies such as Alarmguard—featured on this month's cover—have grown their account bases and RMR extensively through acquisitions, these and other firms also had solid internal growth last year. Whether it was because of an acquisition, a successful dealer program, a company-operated internal sales department, or a combination of any of the three last year, the SDM 100's rate of new installations was increased overall.

Overall, almost nine out of 10 SDM 100 dealers had increases in total gross revenue in 1997. However, the aggregate revenue for the SDM 100 grew less than 1 percent, from \$3.29

A Guide to the SDM 100

The 1998 SDM 100 ranks, by 1997 gross revenue, firms that provide electronic security systems and services to both residential and nonresidential markets. This ranking is based on information provided to *SDM* by the firms themselves. It is checked and often verified by an independent third party. (In a few cases, the revenue wasn't provided; therefore, it was estimated by *SDM*.)

The list is formatted so the same information appears about each company. Reading across, from left to right, the first bit of data is the firm's 1998 rank, based on total 1997 gross

revenues. If the firm is new to the list, then no other number appears next to the rank. If the firm was previously listed, then a dot and another number appears to the right. That is the firm's 1997 rank, which allows readers to compare with the previous year.

Next, the company name and its headquarters location appear. The third column shows total gross revenue in millions of dollars. This number represents total U.S. revenue in calendar- or fiscal-year 1997 from security system sales/installation, service, leasing, and monitoring. A *v* after the number means that this firm has submitted the appropriate documentation that verifies the stated rev-

enue. An e following the revenue indicates it is an SDM estimate.

The fourth column in the SDM 100 shows the positive or negative growth rate between reported 1996 and 1997 total gross revenue, where applicable.

The fifth column contains the number of subscribers, or customers, each firm counts. The sixth column shows the number of new systems that the firm installed in 1997. In this column, an *R* following a figure represents residential systems and a *C* represents commercial.

The seventh column shows the number of full-time employees and the last column indicates the total number of business locations.

13•23 Alarmguard Inc. Orange, CT

34.3

42.3%

64,000

6,900 (R) 4,200 (C)

450

1.1

SDM 100 Stat Sheet

Total 1997 annual revenue: \$3.31 billion*

Total 1997 recurring annual revenue: \$2.08 billion

Total number of customer contracts (year-end 1997): 5.9 million**

New 1997 installations/revenue^{††}

Residential units: 740,141 Non-residential units: 166,431 Sales revenue: \$111.2 million Sales revenue: \$182.7 million

Number of people employed in 1997

Full-time: 38,380

Part-time: 906

Number of business locations operated: 1,131

Number of companies acquired in 1997: 137***

Number of accounts gained from acquisitions: 1,549,865

*U.S. revenue from security systems sales/installation, service, leasing, and monitoring, as reported to or estimated by SDM.

TAverage annualized recurring revenue based on the fourth quarter of 1997. Based on responses (or estimates) from 89 firms. Not included: Honeywell, Westec Security, Bay Alarm Co., SSD Systems/Kern Security Systems, Central District Alarm, Robinson Alarm, SDA Security Systems, Security of Los Angeles, Alert Alarm Co., John J. Harding Co., and HB Alarm Systems.

**Based on responses (or estimates) from 95 firms. Not included: SSD Systems/Kern Security Systems, Central District Alarm, DGA Security Systems, SDA Security Systems, and Alert Alarm Co.

††Based on responses (or estimates) from 84 firms. (Note: some firms reported unit sales or installation revenues only, while most reported both.) Not included: SecurityLink from Ameritech, Honeywell, Westec Security, Bay Alarm Co., Central District Alarm, Dallas Security Systems, DGA Security Systems, Post Alarm Systems, Robinson Alarm Co., Koorsen Protection Services, Guardian International, George Alarm Co., Pelletier Alarm Services, Alert Alarm Co., Sievers Co., John J. Harding Co.(Includes ADT units only—not revenue.)

***Based on responses from 33 firms.

billion in 1996 to \$3.31 billion in 1997. This was because many large firms previously listed were acquired. In many cases, because these acquisitions occurred at various times during the year, the acquiring company wasn't able to post all or part of the revenue they acquired.

It should be noted that companies that were acquired in the first quarter of 1998 are included in the SDM 100 and have appropriate footnotes regarding the acquisition.

Who's Out, In?

Continued consolidation in the electronic security industry in 1997 made for a very different SDM 100 in 1998. In the top 25 alone, there are nine new names, most having moved up through the ranks. Notably missing are:

√ Westar Security, merged with **Protection One**, No. 6, in a reverse acquisition. Protection One also acquired Multimedia Security Service, Network Multi-Family Security, and Comsec Narragansett Security.

/ Republic Security Svcs., Rollins Protective Services Inc., and Masada Security acquired by **SecurityLink from Ameritech**, No. 2.

√ Holmes Protection Group Inc., acquired by **Tyco International.** Tyco Int'l also acquired ADT Security Services, No. 1. And at press time, ADT and Wells Fargo had reached an

agreement for ADT to acquire the currently ranked No. 3 division of Borg-Warner Security.
√ Ranger American acquired by Entergy Security Inc., No. 9.

In all, there are 21 firms ranked for the first time on the 1998 SDM 100.

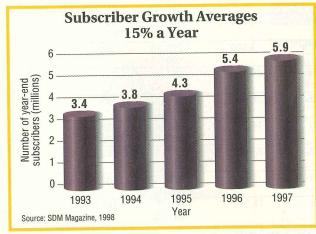
In order for a dealer to qualify for listing on the SDM 100, it must be an installer—that is,

operate an installation department/division or contract for installation services—and must sell and install electronic security systems, such as intrusion (burglar) alarms, fire alarms, access control, and/or CCTV systems. These firms may also provide field service and monitoring; however, firms that provide only service and monitoring do not qualify.

There are three ways to compare and contrast the SDM 100 companies: by gross revenue, as listed in the main tables on the following pages; by annual recurring revenue, as shown on page 90; and by installation volume, on page 88.

Patrick O'Toole, associate editor, contributed to the SDM 100. SDM acknowledges the assistance of ProFinance Associates Inc., Westport, Conn., and Barnes & Associates, St. Louis.

Electronic security companies are largely privately held, and therefore, aren't required to release financial information. Most, but not all firms provided their recurring revenue, number of accounts, or installation volume. Therefore, exercise care in using this information to extrapolate industry totals or to benchmark.



As the buzzword "RMR" echoed through central monitoring stations last year, the results were coming into SDM's offices: a 9% increase in subscriber accounts in 1997. Acquisitions and dealer programs played a large part in this growth, as more than 1.5 million subscribers changed hands.

Editor's Note: Questions about the SDM 100 should be sent in writing to: Senior Editor Laura Stepanek, SDM, P.O. Box 5080, Des Plaines, IL 60017-5080. Fax (847)390-2140; or e-mail at Istepanek@cahners.com.

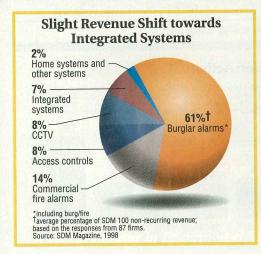


	THE RESERVE OF THE PERSON OF T	The 19	98 SDM 10	00	K-1745		
Rank 998•1997	Company Headquarters	Gross revenue 1997 (\$ millions)	Growth Rate '96 to '97	Subscribers year-end 1997	1997 Installations	Full-time Employees	Business Locations
1-1	ADT Security Services Boca Raton, FL	1,100 ^e	10.7%	1,600,000 e	350,000 (R) ^e 60,000 (C) ^e	10,000 ^e	150 ^e
2 •2	SecurityLink from Ameritech Oak Brook Terrace, IL	450 ^e	80.0%	1,100,000*	n/a	8,666*	247*
3 •3	Wells Fargo Alarm Services Inc. † King of Prussia, PA	226.7	-6.0%	170,000	4,562 (R) 22,254 (C)	2,100	38
4.4	Honeywell Inc., Home & Building Con Minneapolis, MN	trol 200.7 e	-10.0%	200,000 e	n/a	n/a	100 ^e
5 •5	Brink's Home Security Inc. Irving, TX	180	15.4%	511,500	105,600 (R)	2,100	66
6• 8	Protection One Inc. Culver City, CA	144.8 ^v **	97.1%	756,818	102,015 (R) 19,776 (C)	2,400	55
7. 9	The Westec Security Group Newport Beach, CA	85	25.0%	120,000	n/a	2,500	50
8-14	Slomins Security Hicksville, NY	50.9	39.0%	84,791	30,596 (R) 277 (C)	157	8
9-16	Entergy Security Inc. Raleigh, NC	50.1	39.4%	168,000	4,533 (R) 9,836 (C)	868	33
10 •12	Bay Alarm Co. Walnut Creek, CA	41	2.8%	65,000	n/a	450	10
11 •17	Guardian Alarm Co. Southfield, MI	39.2	12.0%	87,543	8,750 (R) 3,200 (C)	390	6
12 •18	Vector Security Inc. Pittsburgh, PA	35.5	10.9%	63,000	4,000 (R) 785 (C)	350	13
13 •23	Alarmguard Inc. Orange, CT	34.3 ^v	42.3%	64,000††	6,900 (R) 4,200 (C)	450	11
14-59	Sonitrol Mid-South Holdings - Sonitrol Manageme Baltimore, MD	ent Corp. 33.8	452.4%***	19,821	38 (R) 2,172 (C)	329	12
15 •19	Smith Alarm Systems Dallas, TX	32.2	11.3%	45,000	7,500 (R) 4,800 (C)	350	5
16 •21	AFA Protective Systems Inc. Syosset, NY	29.8	8.4%	25,000	500 (R) 2,000 (C)	300	8
17 •25	Guardian Protection Services Inc. Pittsburgh, PA	29 ^v	44.1%	72,407	22,230 (R) 690 (C)	920	20
18 •31	Response USA Inc. Lawrenceville, NJ	20.6†††	81.4%	60,000	1,800 (R) 500 (C)	220	12
19• 45	Sentry Detection Inc. East Meadow, NY	18	125.0%	3,500	7,200 (R) 500 (C)	175	3
20 •27	Protection Service Industries L.P. San Bernardino, CA	16.3	9.6%	26,488	687 (R) 1,225 (C)	209	9
21 •30	American Alarm Systems Inc. Santa Ana, CA	15.8	29.7%	28,000	600 (R) 3,000 (C)	145	1
22 •28	Alarm Detection Systems Inc. Aurora, IL	15.5 V	9.2%	16,744	132 (R) 525 (C)	133	1
23 •32	Per Mar Security Services Davenport, IA	14.3	29.7%	22,400	875 (R) 2,810 (C)	220	10
24 •29	SSD Systems/Kern Security System Anaheim, CA	CERTAIN PROPERTY AND	0.1%	n/a	425 (R) 1,890 (C)	160	7
25 •33	Alert Holdings Group Inc. Honolulu, HI	11.2	3.7%	16,342	680 (R) 642 (C)	107	7

KEY: v=verified e=estimate R=residential C=commercial n/a=not available * Includes U.S. and Canada † April20, 1998, announced agreement to be acquired by ADT ** completed merger with Westar Security Nov. 24, 1997. Since this was a reverse merger, the financial statements for the year ended Dec. 31, 1997, include 12 months of Westar results, and results for Protection One and Centennial Security only from Nov. 24, 1997. Run rates as of Jan 1, 1998 are: \$24.6 million RMR, \$30 million total monthly revenue †† Acquisitions of Sentry Protective Systems and Pelletier Alarm in first quarter 1998 bring account total to 100,000 **** result of a 1997 merger between the two companies (previously ranked only as Sonitrol Mid-South Holdings). ††† revenues are pro forma, inclusive of Triple A Protection, Wilkes Barre, PA., which Response USA acquired Feb. 10, 1998.

		The 19	98 SDM 10	00			
Rank 1998•1997	Company Headquarters	Gross revenue 1997 (\$ millions)	Growth Rate '96 to '97	Subscribers year-end 1997	1997 Installations	Full-time Employees	Business Locations
26 •35	Doyle Security Systems*** Rochester, NY	11.2	10.9%	14,320	510 (R) 664 (C)	126	4
27 •34	Central District Alarm Inc. St. Louis, MO	11 ^e	2.8%	n/a	n/a	n/a	1
28 •36	Security Corp. Novi, MI	9.8	2.5%	2,280	40 (R) 905 (C)	103	6
29 •43	Fire Alarm Service Corp./E.P. Reid Inc Lyndhurst, NJ	. 9.8 ^v	19.7%	420	130 (C)	89	4
30	Dynamark Security Centers Hagerstown, MD	9.7 ^v *		33,800	982 (R)	160	7
31 •37	Kimberlite Corp. Concord, CA	9.6	2.8%	5,832	88 (R) 504 (C)	135	8
32 •54	Sentry Protective Systems † Malden, MA	9.5	36.1%	26,000	9,364 (R) 800 (C)	110	3
33 •42	Checkpoint Ltd. Naples, FL	9.5	13.4%	29,100	1,800 (R) 500 (C)	144	8
34-47	Electronic Security Services Co. LP Nashville, TN	9.3	16.8%	20,690	2,151 (R) 934 (C)	115	10
35 •48	Dallas Security Systems Inc./DSS Fire Dallas, TX	e Inc. 9.1	15.5%	3,850	n/a	95	1
36 •39	Engineered Protection Systems Inc. Grand Rapids, MI	9.1	6.0%	6,247	350 (R) 650 (C)	92	4
37 •41	DGA Security Systems Inc. New York, NY	9	5.9%	n/a	n/a	n/a	2
38 •80	SLP Ventures L.P.** St. Louis, MO	8.8	107.5%	22,421	9,007 (R) 460 (C)	236	17
39•—	Protection Networks Boca Raton, FL	8.1		1,000	5,010 (R)	120	5
40 •50	Supreme Security Systems Inc. Union, NJ	8.1 ^v	5.2%	15,000	427 (R) 259 (C)	85	1
41-44	Post Alarm Systems Inc. Arcadia, CA	8 e	0.0%	14,500 ^e	n/a	70 ^e	2

hepresents revenue from the firm's first six company-owned installing companies herged with Alarmguard (No. 13) March 17, 1998, and will not report separately in 1999 ** previously ranked as Digital Detection Systems, the firm was acquired by SLP Ventures in 1997 *** SDM's 1997 Dealer of the Year



A slight revenue shift was noted this year. Integrated systems now account for 7% of revenue (up from 4% in 1996); while burglar alarms dipped from 64 percent in 1996 to 61 percent in 1997.

Public Companies on the SDM 100									
Company	Symbol	52-week High Low	Price	Earn/Shr	P/E Ratio				
ADT Security Services Inc.	TYC	57 7/16 - 26 11/16	55 3/4	-1.04	n/a				
Alarmquard	AGD	10 7/8 - 5 11/16	10 3/4	-2.61	n/a				
AFA Protective Systems Inc.	AFAP	280 - 124	278	n/a	n/a				
Brink's Home Security	PZB	42 7/8 - 28 1/4	37 5/8	1.90	20.03				
Entergy Security Systems	ETR	30 1/4 - 22 7/8	27	1.03	26.09				
Guardian International	GIIS	3 9/16 - 5/8	2 9/16	n/a	n/a				
Honeywell Inc.	HON	96 1/4 - 64 15/16	93 7/16	3.80	24.87				
Protection One Inc.	ALRM	21 3/4 - 9 3/8	12	-0.70	n/a				
Response USA Inc.	RSPN	12 3/8 - 4 5/16	5 3/8	-0.33	n/a				
SecurityLink from Ameritech	AIT	50 1/4 - 27 15/16	43 3/8	2.04	21.72				
Wells Fargo Alarm Services Inc.	BOR	22 7/16 - 13 3/4	20 15/16	0.65	32.02				
Westec Security Inc.	J.SC0	n/a	*\$61.07	n/a	n/a				

*Secom Co. (Westec's parent) is traded on the Tokyo exchange. Its share price reflects a 130.16 Japanese yen per U.S. dollar exchange rate at the end of the trading day

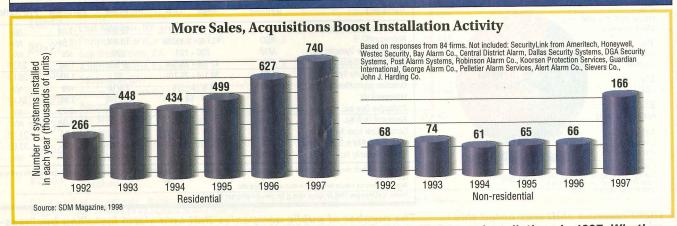
Note: The letters n/a indicate that the information was not applicable.

Source: SDM Magazine, 1998. All figures taken at the close of trading April 24, 1998.

The number of public companies that own alarm installing businesses on the SDM 100 shrank from 19 to 12 since the last time the SDM 100 was published. In each case, the firm was acquired or merged; namely, Westar Security, Rollins Protective, Republic Industries, Multimedia Security, Holmes Protection, and Inter-Active Services.



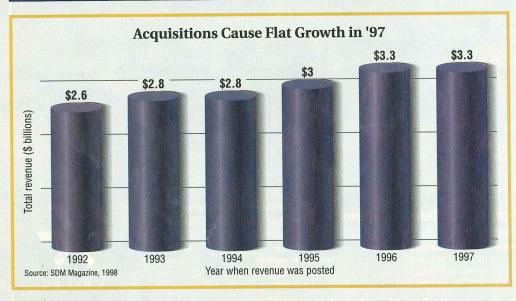
Rank 998•1997	Company Headquarters	Gross revenue 1997 (\$ millions)	Growth Rate '96 to '97	Subscribers year-end 1997	1997 Installations	Full-time Employees	Business Locations
42 •49	Robinson Alarm Co. Philadelphia, PA	034 7.8 ^e	0.0%	13,500 ^e	n/a	n/a	1.21
43 •51	SDA Security Systems Inc. San Diego, CA	7.5	2.0%	n/a	150 (R) 1,000 (C)	97	2
44 •57	Greater Alarm Company Inc., The Irvine, CA	7.4 ^v	15.6%	6,852	2,500 (R) 750 (C)	76	2
45 •60	Sonitrol Security Systems of Hartford Hartford, CT	d Inc. 7.3	20.3%	14,015	1,200 (R) 268 (C)	70	2
46 •55	US Alarm System Inc. Fort Worth, TX	001.e. ^{7.1}	2.9%	17,742	4,452 (R) 129 (C)	132	14
47 •52	Sonitrol of Santa Clara & San Mateo Co San Jose, CA	unties 7.1	-2.5%	8,500	50 (R) 550 (C)	58	1
48 •65	Mountain Alarm Ogden, UT	088.6 7	32.1%	7,600	696 (R) 807 (C)	64	3
49•—	First Alarm Inc. Seacliff, CA	7 V	46.9%	7,000	600 (R) 1,000 (C)	80	3
50 •85	Safeguard Security Services Inc. Phoenix, AZ	7 df	76.9%	6,000	750 (R) 45 (C)	128	3
51 •61	Sonitrol of Buffalo Buffalo, NY	6.6 V	14.4%	6,127	96 (R) 387 (C)	75	3
52 •56	General Security Plainview, NY	6.6	-1.5%	23,063	2,650 (R) 315 (C)	52	3
53•—	Koorsen Protection Services Inc. Indianapolis, IN	6.5 ^v	10.56	1,000	n/a	n/a	n/a
54 •58	Midnight Security Network * Flint, MI	6.4	4.9%	13,354	1,050 (R) 308 (C)	86	2
55 •64	Sonitrol Pacific Portland, OR	. 6	12.4%	3,550	10 (R) 360 (C)	64	2
56• 73	Central One Boca Raton, FL	5.8	28.9%	13,000	400 (R) 200 (C)	70	2
57 •90	Guardian International Inc. Hollywood, FL	5.6 v	55.3%	13,500	n/a	73	2
58 •66	Argus Security Systems Inc. McAllen, TX	5.5	5.8%	8,100	540 (R) 700 (C)	100	3



Acquisitions weren't the only reason for the dramatic positive growth in new installations in 1997. Whether stemming from a successful dealer program or a geared up internal sales department, nearly all firms experienced an increase in new sales. (Note: Of the 100,000-unit increase in commercial sales, an estimated 60,000 is attributed to ADT, which wasn't included in 1996.)



		1 ne 19	98 SDM 10	U			
Rank 1998•1997	Company Headquarters 1	Gross revenue 997 (\$ millions)	Growth Rate '96 to '97	Subscribers year-end 1997	1997 Installations	Full-time Employees	Business Locations
59 •63	Custom Security Systems Lacey, WA	5.5	-1.6%	6,000	325 (R) 380 (C)	95	2
60• 70	Mutual Central Alarm Services Inc. * New York, NY	5.4 ^v	13.3%	2,200	5 (R) 400 (C)	45	1
61-68	American Alarm & Communications Inc	5.3 ^v	6.0%	10,347	760 (R) 660 (C)	55	1
62 •72	Homesafe Security Systems Hunt Valley, MD	5.3	12.8%	2,100	3,700 (R) 25 (C)	30	3
63 •74	George Alarm Co. Inc. Springfield, IL	5 e	11.1%	5,100 ^e	n/a	n/a	5
64	Protect America, Inc. Round Rock, TX	5 ^v		10,800	13,700 (R) 220 (C)	n/a	24
65• 71	Security Equipment Inc. Omaha, NE	5 ^v	5.2%	8,532	525 (R) 600 (C)	63	3
66• 84	Peak Alarm Company Inc. Salt Lake City, UT	4.9	24.4%	6,783	373 (R) 514 (C)	63	2
67 •79	Crime Detector Inc. West Columbia, SC	4.8	12.1%	4,100	1,800 (R) 15 (C)	55	2
68• 76	Sonitrol of Sacramento Sacramento, CA	4.6	6.4%	3,200	20 (R) 800 (C)	46	1
69•—	Electronix Systems Central Station Ala Huntington Station, NY	rms 4.6 ^v		6,000	320 (R) 593 (C)	58	1
70• 78	All-Guard Alarm Systems Inc. Hayward, CA	4.6	5.9%	6,875	228 (R) 218 (C)	44	1
71-89	World Wide Security - GC Alarm Garden City, NY	4.6	21.5%	7,550	1,825 (R) 220 (C)	75	1
72• 75	Security of Los Angeles Inc. Van Nuys, CA	4.5	0.8%	4,100	6 (R) 308 (C)	35	4
73 •77	Corporate Protection Services Inc. Toledo, OH	4.4	2.8%	9,320	590 (R) 418 (C)	44	1

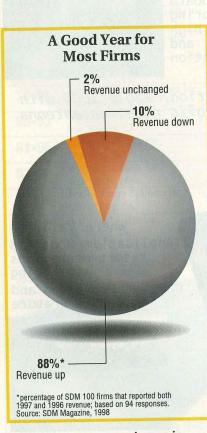


Total gross revenue in 1997 from SDM 100 firms reached \$3.31 billion, less than 1 percent higher than 1996 revenue. While this may seem surprising in light of the positive year most firms had, it's important to remember that many large companies were sold in 1997 and all or part of their revenue may not have been accounted for by the acquiring firms that still rank in the SDM 100 (depending on when they were purchased).



The 1998 SDM 100									
Rank 998 • 1997	Company Headquarters	Gross revenue 1997 (\$ millions)	Growth Rate '96 to '97	Subscribers year-end 1997	1997 Installations	Full-time Employees	Business Locations		
74 •82	Pelletier Alarm Services † Danbury, CT	4.4	4.4%	8,500	n/a	52	2		
75•—	Sonitrol Tri-County Farmington Hills, MI	4	6.7%	2,872	382 (C)	51	3		
76	American Security Systems Inc. New York, NY	4 ^v	14.3%	3,750	250 (R) 350 (C)	38	1		
77 •94	Sonitrol of Tallahassee Inc. Tallahassee, FL	3.8 ^v	10.6%	3,323	67 (R) 175 (C)	53	1		
78 •81	Security Systems Inc. Boca Raton, FL	3.7	-12.1%	13,095	82 (R) 133 (C)	36	1		
79- 91	Sonitrol Security Services Inc. Charlotte, NC	3.7 ^v	1.8%	2,300	66 (R) 488 (C)	41	2		
80 •93	Alert Alarm Co. Inc. San Ramon, CA	3.6	2.9%	n/a	n/a	36	3		
81 •95	Crime Prevention Inc. Charlotte, NC	3.6	5.9%	11,100	4,521 (R) 300 (C)	104	4		
82 •92	Wyandotte Alarm Co. Wyandotte, MI	3.5	0.3%	5,690	130 (R) 160 (C)	52	1		
83 •96	Pacific Alarm Systems Inc. Culver City, CA	3.4	1.7%	3,800	65 (R) 195 (C)	39	1		
84-97	Richmond Alarm Co. Richmond, VA	3.4	1.6%	6,500	275 (R) 220 (C)	57	2		
85 •87	Associated Security Corp. East Hartford, CT	3.3 ^v	-13.2%	6,200	200 (R) 250 (C)	35	2		
86•—	Sievers Company Cleveland, OH	3.1	10.1%	3,000	n/a	30	2		
87•—	Scarsdale Security Systems Inc. Scarsdale, NY	3.1	63.2%	3,127	305 (R) 331 (C)	42	1		
88-100	Sylvester's Security Alarms Inc. Santa Maria, CA	3.1	4.4%	5,297	171 (R) 398 (C)	41	3		
89•—	Security Systems of America Pittsburgh, PA	3.1 ^v	5.4%	8,160	495 (R) 230 (C)	42	3.		
90•—	Washington Alarm Inc. Seattle, WA	3	6.0%	4,200	57 (R) 194 (C)	34	1		
91	Custom Communications Inc. Rochester, MN	3	34.6%	3,467	200 (R) 280 (C)	36	4		
92-99	American Home Security (BHC Trust) Alexandria, VA	2.9	-8.1%	3,015	290 (R) 85 (C)	35	2		
93•—	Global Security & Communication Inc Portland, OR	2.9		6,500	1,200 (R) 10 (C)	38	4		
94	Sonitrol of Chattanooga Chattanooga, TN	2.8	2.0%	2,930	72 (R) 111 (C)	35	2		
95•—	Sonitrol of Pittsburgh Pittsburgh, PA	2.7	5.4%	2,950	36 (R) 272 (C)	26			
96•—	John J. Harding Company Ltd. Honolulu, HI	2.5	19.4%	33	n/a	17	1		
97•—	Sonitrol of New Orleans Inc. Metairie, LA	2.5	8.7%	1,601	33 (R) 189 (C)	32	1		
98•—	Alaska General Alarm Anchorage, AK	2.4	5.0%	3,925	160 (R) 92 (C)	32	2		
99•—	HB Alarm Systems Inc. Warwick, RI	2.4	14.3%	7,000	1,000 (R) 400 (C)	18	2		
100	Sonitrol Mid-Atlantic Philadelphia, PA	2.3 ^v		2,200	25 (R) 240 (C)	16	1		





Last year was a great year in terms of increased reveune for many of the firms in this year's SDM 100. As comparison, in 1996, 74 percent of companies had higher revenues, but in 1997, 88 percent had positive growth of overall revenues.

Residential Systems				Non-Residential Systems				
Rank by Installation Volume		Systems Installed (1997)	SDM 100 Rank	Rank by Installatio Volume		Systems Installed (1997)	SDM 100 Rank	
1	ADT Security Services	350,000 ^e	311	e1	ADT Security Services	60,000 ^e	1	
1 Mak	Brink's Home Security Inc.	105,600	5	2	Wells Fargo Alarm Services Inc.	22,254	3	
3 430	Protection One Inc.	102,015	6	3	Protection One Inc.	19,776 9.836	9	
4	Slomins Security	30,596	8	5	Entergy Security Inc. Smith Alarm Systems	4,800	15	
5	Guardian Protection Services	22,230	17	6	Alarmquard Inc.	4,200	13	
6	Protect America, Inc.	13,700	64	7	Guardian Alarm Co.	3,200	11	
7 991	Sentry Protective Systems	9,364	32	8	American Alarm Systems Inc.	3,000	21	
8	SLP Ventures L.P.	9,007	38	9	Per Mar Security Services	2,810 2,172	23 14	
9	Guardian Alarm Co.	8,750	11	10	Sonitrol Mid-South — SMC AFA Protective Systems Inc.	2,000	16	
10	Smith Alarm Systems	7,500	15	12	SSD Systems/Kern Security Syste	ms 1,890	24	
11	Sentry Detection Inc.	7,200	19	13	Protection Service Industries	1,225	20	
12	Alarmguard Inc.	6,900	13	14	First Alarm Inc.	1,000	49	
13	Protection Networks	5,010	39	15	SDA Security Systems Inc.	1,000	43 34	
14	Wells Fargo Alarm Services I		3	16	Electronic Security Services Co	934 905	28	
15	Entergy Security Inc.	4,533	9	17	Security Corp. Mountain Alarm	807	48	
16	Crime Prevention Inc.	4,521	81	19	Sentry Protective Systems	800	32	
17	US Alarm System Inc.	4,452	46	20	Sonitrol of Sacramento	800	68	
18	Vector Security Inc.	4,000	12	21	Vector Security Inc.	785	12	
19	Homesafe Security Systems	3,700	62	22	Greater Alarm Company Inc.	750	44	
20	General Security	2,650	52	23	Argus Security Systems Inc.	700 nc. 690	58 17	
21	Greater Alarm Company Inc.	2,500	44	24	Guardian Protection Services I	664	26	
22	Electronic Security Services	Co. 2,151	34	25 26	Doyle Security Systems American Alarm & Communica			
23	World Wide Security - GC Ala		71	27	Engineered Protection Systems			
24	Response USA Inc.	1,800	18	28	Alert Holdings Group Inc.	642		
25	Checkpoint Ltd.	1,800	33	29	Security Equipment Inc.	600		
26	Crime Detector Inc.	1,800	67	30	Electronix Systems	593	69	
27	Global Security & Comm.	1,200	93	31	Sonitrol of Santa Clara &	550	47	
28	Sonitrol Security Systems of Ha		45	20	San Mateo Counties Alarm Detection Systems Inc.	525		
29	Midnight Security Network	1,050	54 99	32 33	Peak Alarm Company Inc.	514		
30	HB Alarm Systems Inc.	1,000 982	30	33	Kimberlite Corp.	504	31	
31	Dynamark Security Centers		23	35	Response USA Inc.	500		
32	Per Mar Security Services	875 760	61	36	Checkpoint Ltd.	500		
33	American Alarm & Comm.			37	Sentry Detection Inc.	500 488		
34	Safeguard Security Services	696		38	Sonitrol Security Services Inc. SLP Ventures L.P.	460		
35	Mountain Alarm Protection Service Industrie			39 40	Corporate Protection Services			
36		680		41	Mutual Central Alarm Service			
37	Alert Holdings Group Inc. First Alarm Inc.	600		42	HB Alarm Systems Inc.	400		
38	American Alarm Systems In	1200		43	Sylvester's Security Alarms In	c. 398		
39	Corporate Protection Service			44	Sonitrol of Buffalo	387		
40	Argus Security Systems Inc			45	Sonitrol Tri-County Custom Security Systems	380		
42	Security Equipment Inc.	525		46 47	Sonitrol Pacific	36		
42	Doyle Security Systems	510		48	American Security Systems I	nc. 35	0 76	
43	AFA Protective Systems Inc			49	Scarsdale Security Systems I	nc. 33		
45	Security Systems of Americ			50	General Security	31		
46	Supreme Security Systems			51	Security of Los Angeles Inc.	30 30		
47	SSD Systems/Kern Security			52	Midnight Security Network Crime Prevention Inc.	30		
48	Central One	400		53 54	Custom Communications Inc			
49	Peak Alarm Company Inc.	373	3 66	55	Slomins Security	27	7	
50	Engineered Protection Syst	ems 350	36	56	Sonitrol of Pittsburgh	27		
51	Custom Security Systems	325	5 59	57	Sonitrol Security Systems of I	Hartford 26	8 4	
52	Electronix Systems	320	69	58	Supreme Security Systems In	nc. 25 25		
53	Scarsdale Security System	s Inc. 305	5 87	59	Associated Security Corp.	24		
54	American Home Security (E		92	60	Sonitrol Mid-Atlantic Security Systems of America			
55	Richmond Alarm Co.	27	5 84	62	World Wide Security - GC Ala			
56	American Security Systems			63	Richmond Alarm Co.	22	20 8	
57	All-Guard Alarm Systems I			64	Protect America, Inc.	22		
58	Associated Security Corp.	20		65	All-Guard Alarm Systems Inc	. 21		
59	Custom Communications I			66	Central One	20	00 5	

The table above re-ranks SDM 100 companies by both residential (left column) and non-residential (right column) installation volume. Firms not included either didn't provide this information, or had fewer than 200 units.



Top 12 Fastest Growing Firms Based on Total Installation Volume (1994-1997)						
Firm (SDM 100 Rank)	Avg. 3-year growth rate (%)	Avg. Firm (SDM 100 Rank) growth r	3-year ate (%)			
1. Protection One (6)	328.3	7. Sonitrol Security Systems of Hartford (45)	59.2			
	159.3	8. Doyle Security Systems (26)	52.8			
3. Entergy Security Inc. (9)	108.7	9. Slomins Security (8)	48.2			
4. Sentry Detection (19)	79.5*	10. Sonitrol of Sacramento (68)	47.8			
5. Guardian Protection Services (*	(7) 63.3	11. Mountain Alarm (48)	43.4			
6. Smith Alarm Systems (15)	62.4	12. General Security (52)	37.2			

These 12 companies have the highest growth rate of total installation volume (residential and non-residential, if applicable, combined) during a four-year period between 1994 and 1997. Note that this list is limited to firms that have participated in the SDM 100 for the past four years and have provided installation figures for those years.

Rank by Recurring Revenue	Recurring Annual Revenue (1997) (\$ millions)		SDM 100 Rank	Rank by Recurring Revenue	Recurring Annual Revenue (1997) (\$ millions)		SDM 100 Rank
1	756 ^e	ADT Security Services	1	42	3.7	Mutual Central Alarm Services Inc.	60
2	396 e	SecurityLink from Ameritech	2	43	3.3	All-Guard Alarm Systems Inc.	70
3	155	Brink's Home Security Inc.	5	44	3.3	Fire Alarm Service Corp./E.P. Reid Inc.	
4	133.2	Wells Fargo Alarm Services Inc.	3	45	3.3	Sonitrol of Buffalo	51
5	126.6	Protection One Inc.	6	46	3.2	Security Systems Inc.	78
6	48.4	Entergy Security Inc.	9	47	3.2	Protect America, Inc.	64
7	30	Guardian Alarm Co.	11	48	2.9	Custom Security Systems	59
8	25	Alarmquard Inc.	13	49	2.9	World Wide Security - GC Alarm	71
9	24.8	Guardian Protection Services Inc.	17	50	2.9	American Alarm & Communications Inc	
10	24.7	Sonitrol Mid-South Holdings — SMC	4	51	2.8	Sonitrol of Sacramento	68
11	23.1	Slomins Security	8	52	2.8 e	George Alarm Co. Inc.	6
12	20.9	AFA Protective Systems Inc.	16	53	2.7	Wyandotte Alarm Co.	82
13	18.6	Smith Alarm Systems	15	54	2.7	Pacific Alarm Systems Inc.	83
14	16.8	Vector Security Inc.	12	55	2.6	Electronix Systems	6
15	14.4	American Alarm Systems Inc.	21	56	2.6	Sonitrol Tri-County	7
16	13.2	Response USA Inc.	18	57	2.6	Greater Alarm Company Inc., The	4
17	11.5	Protection Service Industries L.P.	20	58	2.5	Peak Alarm Company Inc.	6
18	10	Alarm Detection Systems Inc.	22	59	2.4	Sylvester's Security Alarms Inc.	8
19	10	Dynamark Security Centers	30	60	2.4	Crime Prevention Inc.	8
20	9.2	Alert Holdings Group Inc.	25	61	2.3	Washington Alarm Inc.	90
21	8.1	Per Mar Security Services	23	62	2.3	Pelletier Alarm Services	7
22	8	SLP Ventures L.P.	38	63	2.2	Security Equipment Inc.	6
23	7.7	DGA Security Systems Inc.	37	64	2.1	Sonitrol Security Services Inc.	7
24	7.2	Sentry Protective Systems	32	65	2.1	Security Corp.	2
25	6.9	Kimberlite Corp.	31	66	2	Sonitrol of Tallahassee Inc.	7
26	6.5	Central One	56	67	2	Mountain Alarm	4
	6.4	Checkpoint Ltd.	33	68	1.9	Richmond Alarm Co.	8
27	6.3	Supreme Security Systems Inc.	40	69	1.8	Sonitrol of Pittsburgh	9
28	5.7	Electronic Security Services Co. LP	34	70	1.7	Sonitrol of Chattanooga	9
	5.4	General Security	52	71	1.77	Sonitrol of New Orleans Inc.	9
30	4.9	Midnight Security Network	54	72	1.7	Global Security & Communication Inc	. 9
31	4.7	Sonitrol Security Systems of Hartford Ir		73	1.6	Security Systems of America	8
		Engineered Protection Systems Inc.	36	74	1.6	Argus Security Systems Inc.	5
33	4.6	Guardian International Inc.	57	75	1.6	Scarsdale Security Systems Inc.	8
34	4.4		26	76	1.5	American Security Systems Inc.	7
35	4.3	Doyle Security Systems Sonitrol of Santa Clara & San Mateo Count		77	1.5	Crime Detector Inc.	6
36	4.3		55	78	1.5	American Home Security (BHC Trust)	g
37	4.1	Sonitrol Pacific	46	79	1.5	Associated Security Corp.	8
38	4.1	US Alarm System Inc.	49	80	1.3	Sonitrol Mid-Atlantic	10
39	3.9	First Alarm Inc.	5/50	81	1.3	Alaska General Alarm	9
40	3.9 3.7 °	Safeguard Security Services Inc. Post Alarm Systems Inc.	50 41	82	1.2	Corporate Protection Services Inc.	7

The table re-ranks SDM 100 companies by recurring annual revenue. Firms were asked to average their fourth-quarter 1997 recurring revenue and then annualize it. Those companies not included either did not provide this information, or didn't have significant recurring revenue to report.



	0 D - L	Company SDM 100) Rank	
Company SDM 10	0 Rank	Pacific Alarm Systems Inc.	83	
ADT Security Services	16	Peak Alarm Company Inc.	66	
AFA Protective Systems Inc.		Pelletier Alarm Services	74	
Alarm Detection Systems Inc.	22	Per Mar Security Services	23	
Alarmguard Inc.	13	Post Alarm Systems Inc.	41	
Alaska General Alarm	98		64	
Alert Alarm Co. Inc.	80	Protect America, Inc. Protection Networks	39	
Alert Holdings Group Inc.	25		6	
All-Guard Alarm Systems Inc.	70	Protection One Inc. Protection Service Industries L.P.	20	
American Alarm & Communications Inc.	61		18	
American Alarm Systems Inc.	21	Response USA Inc.	84	
American Home Security (BHC Trust)	92	Richmond Alarm Co.	42	
American Security Systems Inc.	76	Robinson Alarm Co.	50	
Argus Security Systems Inc.	58	Safeguard Security Services Inc.		
Associated Security Corp.	85	Scarsdale Security Systems Inc.	87	
Bay Alarm Co.	10	SDA Security Systems Inc.	43	
Brink's Home Security Inc.	5	Security Corp.	28	
Central District Alarm Inc.	27	Security Equipment Inc.	65	
Central One	56	Security of Los Angeles Inc.	72	
Checkpoint Ltd.	33	Security Systems Inc.	78	
Corporate Protection Services Inc.	73	Security Systems of America	89	
Crime Detector Inc.	67	SecurityLink from Ameritech	2	
Crime Prevention Inc.	81	Sentry Detection Inc.	19	
Custom Communications Inc.	91	Sentry Protective Systems	32	
Custom Security Systems	59	Sievers Company	86	
Dallas Security Systems Inc./DSS Fire	35	Slomins Security	8	
DGA Security Systems Inc.	37	SLP Ventures L.P.	38	
Doyle Security Systems	26	Smith Alarm Systems	15	
Dynamark Security Centers	30	Sonitrol Mid-Atlantic	100	
Electronic Security Services Co. LP	34	Sonitrol Mid-South Holdings — SMC	14	
Electronix Systems Central Station Alarms	69	Sonitrol of Buffalo	51	
Engineered Protection Systems Inc.	36	Sonitrol of Chattanooga	94	
	9	Sonitrol of New Orleans Inc.	97	
Entergy Security Inc.	29	Sonitrol of Pittsburgh	95	
Fire Alarm Service Corp./E.P. Reid Inc.	49	Sonitrol of Sacramento	68	
First Alarm Inc.	52	Sonitrol of Santa Clara & San Mateo Counties	47	
General Security	63	Sonitrol of Tallahassee Inc.	77	
George Alarm Co. Inc.	93	Sonitrol Pacific	55	
Global Security & Communication Inc.	44	Sonitrol Security Services Inc.	79	
Greater Alarm Company Inc., The		Sonitrol Security Systems of Hartford	45	
Guardian Alarm Co.	11	Sonitrol Tri-County	75	
Guardian International Inc.	57	SSD Systems/Kern Security Systems	24	
Guardian Protection Services Inc.	17	Supreme Security Systems Inc.	40	
HB Alarm Systems Inc.	99	Sylvester's Security Alarms Inc.	88	
Homesafe Security Systems	62		46	
Honeywell Inc., Home & Building Control	4	US Alarm System Inc.	12	
John J. Harding Company Ltd.	96	Vector Security Inc.	90	
Kimberlite Corp.	31	Washington Alarm Inc.		
Koorsen Protection Services Inc.	53	Wells Fargo Alarm Services Inc.	3	
Midnight Security Network	54	Westec Security Group, The	7	
Mountain Alarm	48	World Wide Security - GC Alarm	71	
Mutual Central Alarm Services Inc.	60	Wyandotte Alarm Co.	82	

SDM 100 on Disk

More complete SDM 100 information is available about each firm, including the firm's CEO, complete mailing address, and tele-phone/fax numbers. The diskette, which sells for \$100, comes in one of two formats: Microsoft Access (a relational database) or plain-text ASCII. To order, contact Diane Gnatek at SDM, telephone (847)390-2122, fax (847)390-2140, or e-mail your request to sdm@cahners.com. Also look for unique coverage of the 1998 SDM 100 on the Web at www.sdmmag.com.