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MagicWorkbooks®

CapExController

This is a **Magic**Workbook: a controlling tool in the form of a Microsoft Excel file.

No macros, no write protection. All formulas used are visible.

All formats used are standard Excel which transform into your country's Excel formats.

You can import your DATA from any source that supports MS Excel.

You can also add your own worksheets as you see fit.

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System requirements

Platform: Windows 98 or later operating system
Microsoft Excel Version: 2007 or later
(You need a xls format (excel 2003) – send us a short information after you placed the order – support@magicworkbooks.com - we'll send you the ordered xls MagicWorkbook by email)

Product Survey

- CapExController is an instrument for analyzing and comparing investment alternatives.
- It evaluates up to three investment options at the same time according to their:
 - ❖ Net Present Value (NPV) - the future net cash flows (NPV) minus the initial investment. If the NPV is positiv, the investment is recommendable
 - ❖ Internal Rate of Return (IRR) - rate of interest for the fixed (IRR) capital during the Investment periode
 - ❖ and Pay-Off Period - amortisation period of investment options

The tool requires you to enter the following data:

basic data :

- purchase price and additional expenses
- calculated economic life in years
- calculated salvage value after calc. economic life-span
- interest rate













informations during investment life-span:

- calculated inpayment
- calculated outpayment

New Lamps for Old!

CapExController

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DATA	Spreadsheet	DATA INPUT	
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IZ1	Spreadsheet	internal rate of return Investment Option 1	
IZ2	Spreadsheet	internal rate of return Investment Option 2	
IZ3	Spreadsheet	internal rate of return Investment Option 3	
AMORT	Spreadsheet	amortisation periods	
CAPT	Graph	capital commitment term	
CAPV	Graph	Net Present Value Survey	
IRR	Graph	IRR to interest rate	
InvestMatrix	Spreadsheet	Survey Matrix of all Investment Options	
InvestForm	Spreadsheet	Application Form Investment	

Computing Net Present Values for Investment Options

Option 1				
AB Security				
Year		Revenues less Costs	discount rate	NPV p.a.
			18.25%	
			1	
1	2025	67,130	0.8457	56,770
2	2026	67,130	0.7152	48,008
3	2027	67,130	0.6048	40,599
4	2028	67,130	0.5114	34,333
5	2029	67,130	0.4325	29,034
6	2030	67,130	0.3658	24,553
7	2031	67,130	0.3093	20,764
8	2032	67,130	0.2616	17,559
9	2033	67,130	0.2212	14,849
10	2034	67,130	0.1871	12,558
11		0	0.1582	0
12		0	0.1338	0
13		0	0.1131	0
14		0	0.0957	0
15		0	0.0809	0
16		0	0.0684	0
17		0	0.0579	0
18		0	0.0489	0
19		0	0.0414	0
20		0	0.0350	0
21		0	0.0296	0
22		0	0.0250	0
23		0	0.0212	0
24		0	0.0179	0
25		0	0.0151	0
Salvage value				
11		0	0.1582	0
NPV of cash flows and salvage value				299,027
Purchase Price				-250,000
NPV				49.027

Option 2 DOD Systems				
Year	Revenues less Costs	discount rate	NPV p.a.	
		18.25%		
		1		
2025	80,330	0.8457	67,932	
2026	80,330	0.7152	57,448	
2027	80,330	0.6048	48,582	
2028	80,330	0.5114	41,084	
2029	80,330	0.4325	34,743	
2030	80,330	0.3658	29,381	
2031	80,330	0.3093	24,847	
2032	80,330	0.2616	21,012	
2033	80,330	0.2212	17,769	
2034	80,330	0.1871	15,027	
	0	0.1582	0	
	0	0.1338	0	
	0	0.1131	0	
	0	0.0957	0	
	0	0.0809	0	
	0	0.0684	0	
	0	0.0579	0	
	0	0.0489	0	
	0	0.0414	0	
	0	0.0350	0	
	0	0.0296	0	
	0	0.0250	0	
	0	0.0212	0	
	0	0.0179	0	
	0	0.0151	0	
11	100,000	0.1582	15,819	
NPV of cash flows and salvage value			373,645	
Purchase Price			-350,000	
NPV			23,645	

Option 3 ZOT Safety				
Year	Revenues less Costs	discount rate	NPV p.a.	
		18.25%		
		1		
2025	90,230	0.8457		
2026	90,230	0.7152		
2027	90,230	0.6048		
2028	90,230	0.5114		
2029	90,230	0.4325		
2030	90,230	0.3658		
2031	90,230	0.3093		
2032	0	0.2616		
2033	0	0.2212		
2034	0	0.1871		
	0	0.1582		
	0	0.1338		
	0	0.1131		
	0	0.0957		
	0	0.0809		
	0	0.0684		
	0	0.0579		
	0	0.0489		
	0	0.0414		
	0	0.0350		
	0	0.0296		
	0	0.0250		
	0	0.0212		
	0	0.0179		
	0	0.0151		
11	20,000	0.1582		

Computing Internal Rate of Return

Option 3				IRR CHECK	
ZOT Safety Inc.				ZOT Safety	
year	Revenues less Costs	discount rate	NPV p.a.	Revenues less Costs	discount rate
		18.25%			23.62%
Investment	-299,100	1	-299,100	-299,100	1
1 2025	90,230	0.8457	76,304	90,230	0.8089
2 2026	90,230	0.7152	64,528	90,230	0.6544
3 2027	90,230	0.6048	54,569	90,230	0.5294
4 2028	90,230	0.5114	46,147	90,230	0.4282
5 2029	90,230	0.4325	39,025	90,230	0.3464
6 2030	90,230	0.3658	33,002	90,230	0.2802
7 2031	90,230	0.3093	27,909	90,230	0.2267
8 2032	20,000	0.2616	5,231	20,000	0.1834
9 2033	0	0.2212	0	0	0.1483
10 2034	0	0.1871	0	0	0.1200
11 2035	0	0.1582	0	0	0.0971
12 2036	0	0.1338	0	0	0.0785
13 2037	0	0.1131	0	0	0.0635
14 2038	0	0.0957	0	0	0.0514
15 2039	0	0.0809	0	0	0.0416
16 2040	0	0.0684	0	0	0.0336
17 2041	0	0.0579	0	0	0.0272
18 2042	0	0.0489	0	0	0.0220
19 2043	0	0.0414	0	0	0.0178
20 2044	0	0.0350	0	0	0.0144
21 2045	0	0.0296	0	0	0.0116
22 2046	0	0.0250	0	0	0.0094
23 2047	0	0.0212	0	0	0.0076
24 2048	0	0.0179	0	0	0.0062
25 2049	0	0.0151	0	0	0.0050
NPV			47,617		

Amortisation period of Investment Options

Option 1					Option 2					Option 3					
	AB Security					DOD Systems					ZOT Safety Inc.				
Year	Revenues less Expenses	Discount rate	NPV	Amortisation course	Revenues less Expenses	Discount rate	NPV	Amortisation course	Revenues less Expenses	Discount rate	NPV	Amortisation course			
		18.25%				18.25%				18.25%					
Investment	-250,000	1	-250,000		-350,000	1	-350,000		-299,100	1	-299,100				
1 2025	67,130	0.8457	56,770	-193,230	80,330	0.8457	67,932	-282,068	90,230	0.8457	76,304	-270,412			
2 2026	67,130	0.7152	48,008	-145,222	80,330	0.7152	57,448	-224,620	90,230	0.7152	64,528	-158,267			
3 2027	67,130	0.6048	40,599	-104,624	80,330	0.6048	48,582	-176,038	90,230	0.6048	54,569	-103,698			
4 2028	67,130	0.5114	34,333	-70,291	80,330	0.5114	41,084	-134,954	90,230	0.5114	46,147	-57,551			
5 2029	67,130	0.4325	29,034	-41,256	80,330	0.4325	34,743	-100,210	90,230	0.4325	39,025	-18,526			
6 2030	67,130	0.3658	24,553	-16,703	80,330	0.3658	29,381	-70,829	90,230	0.3658	33,002	pay-off year			
7 2031	67,130	0.3093	20,764	pay-off year	80,330	0.3093	24,847	-45,982	90,230	0.3093	27,909				
8 2032	67,130	0.2616	17,559		80,330	0.2616	21,012	-24,970	20,000	0.2616	5,231				
9 2033	67,130	0.2212	14,849		80,330	0.2212	17,769	-7,201	0	0.2212	0				
10 2034	67,130	0.1871	12,558		80,330	0.1871	15,027	pay-off year	0	0.1871	0				
11 2035	0	0.1582	0		100,000	0.1582	15,819		0	0.1582	0				
12 2036	0	0.1338	0		0	0.1338	0		0	0.1338	0				
13 2037	0	0.1131	0		0	0.1131	0		0	0.1131	0				
14 2038	0	0.0957	0		0	0.0957	0		0	0.0957	0				
15 2039	0	0.0809	0		0	0.0809	0		0	0.0809	0				
16 2040	0	0.0684	0		0	0.0684	0		0	0.0684	0				
17 2041	0	0.0579	0		0	0.0579	0		0	0.0579	0				
18 2042	0	0.0489	0		0	0.0489	0		0	0.0489	0				
19 2043	0	0.0414	0		0	0.0414	0		0	0.0414	0				
20 2044	0	0.0350	0		0	0.0350	0		0	0.0350	0				
21 2045	0	0.0296	0		0	0.0296	0		0	0.0296	0				
22 2046	0	0.0250	0		0	0.0250	0		0	0.0250	0				
23 2047	0	0.0212	0		0	0.0212	0		0	0.0212	0				
24 2048	0	0.0179	0		0	0.0179	0		0	0.0179	0				
25 2049	0	0.0151	0		0	0.0151	0		0	0.0151	0				
NPV			49,027		23,645			47,617							
Pay-off year				7	10				6						

Capital Commitment Periods

NeverSell Corp.

Investment: Security System

Reporting Currency: US \$

Year of Investment: 2025

Provider	AB Security	DOD Systems	ZOT Safety Inc.
Invest	-250,000	-350,000	-299,100
2025	-182,870	-269,670	-208,870
2026	-115,740	-189,340	-118,640
2027	-48,610	-109,010	-28,410
2028	18,520	-28,680	61,820
2029	85,650	51,650	152,050
2030	152,780	131,980	242,280
2031	219,910	212,310	332,510
2032	287,040	292,640	352,510
2033	354,170	372,970	
2034	421,300	453,300	
2035		553,300	

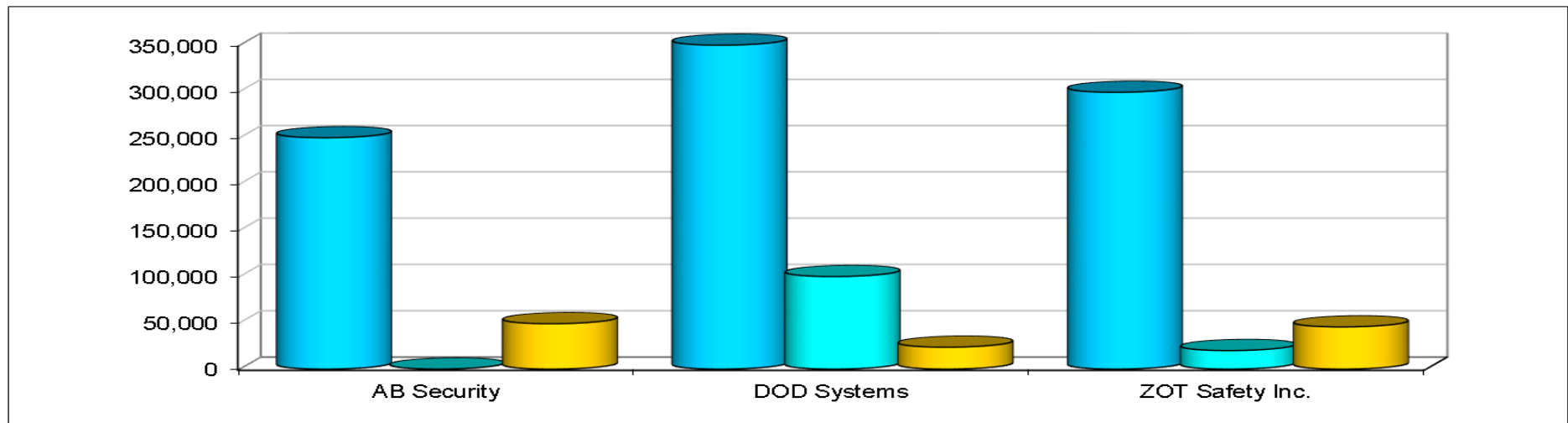


Net Present Value Comparison

NeverSell Corp.

Investment: Security System
 Year of Investment: 2025
 Reporting Currency: US \$

Provider	AB Security	DOD Systems	ZOT Safety Inc.
Purchase Price	250,000	350,000	299,100
Salvage Value	0	100,000	20,000
Net Present Value	49,027	23,645	45,549
NPV in % of Purchase Price	20%	7%	15%

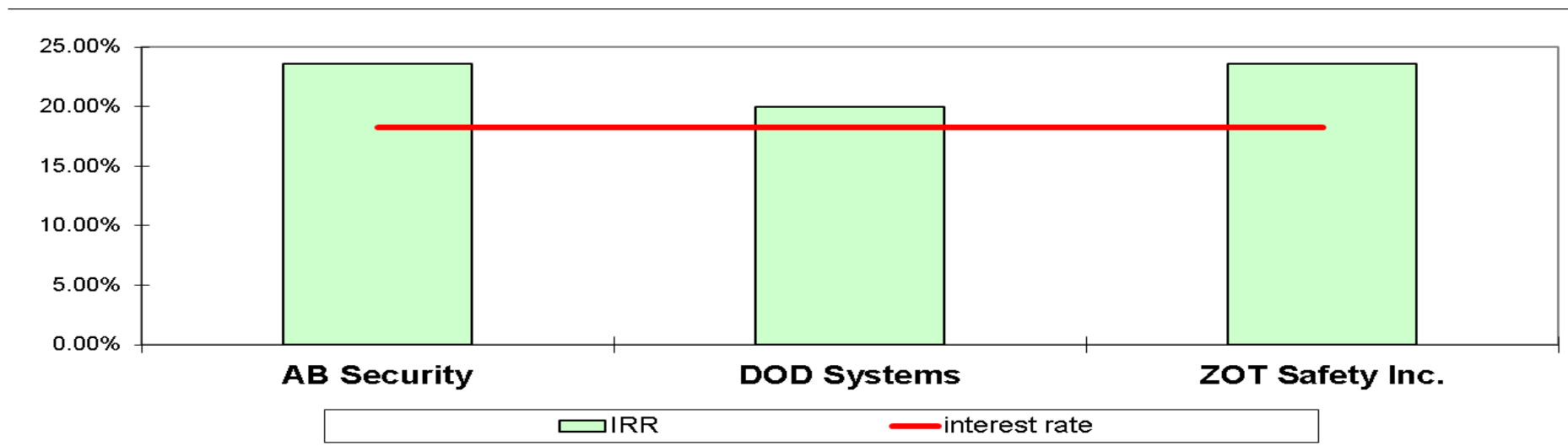


Survey Internal Rate of Return

NeverSell Corp.

Investment: Security System
 Year of Investment 2025
 Reporting Currency: US \$

Provider	AB Security	DOD Systems	ZOT Safety Inc.
IRR	23.63%	20.02%	23.62%
interest rate	18.25%	18.25%	18.25%
IRR to interest rate	5.38%	1.77%	5.37%



In what way do **MagicWorkbooks®** differ from normal Excel workbooks?

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- Easy-to-handle data input with demo data for orientation
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- No detailed knowledge of Microsoft Excel required
- No work on spreadsheets or charts required
- No scrolling for sheets thanks to a Hyperlink-table of contents

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- Compute balance sheets for the next five years in one hour?
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This was just a brief survey ...

if you have further questions regarding this workbook, email us!

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