#### **CROSSTREE**

BlueBook:

Diagnostics & Tools

January 2025



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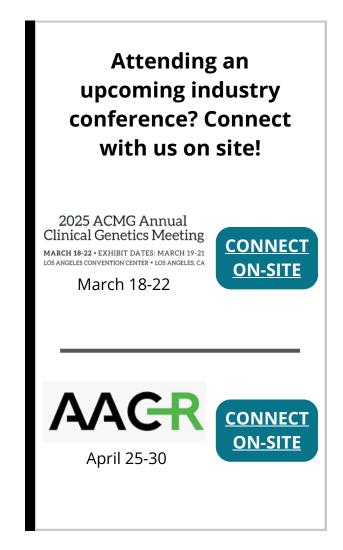
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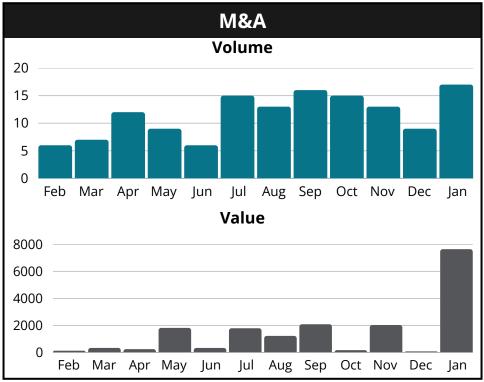


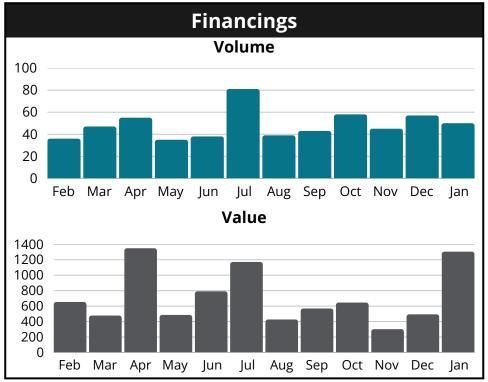
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#### **Industry Overview**

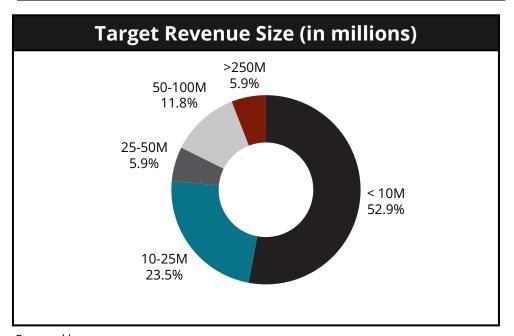






#### M&A Summary

Target Leaf Node Capabilities										
Target Capabilities	Deal Count	% Total	Related Revenue (in millions)							
Diagnostic Services	12	36.4	335.2							
In Vitro	6	18.2	38.3							
Life Science Tools	4	12.1	9.9							
Software Publishers	3	9	8							
Biometric Monitoring	3	9	10.2							
In Vivo Diagnostics	2	6	17.2							
Bio-Specimens	1	3	0.4							
Consumables	1	3	0.9							
eCOA	1	3	3.4							
Total	33	100	423.5							



#### **Target Geographic Revenue US Deals by State** State Count ID ΙL 1 1 MA ΝE 1 Other 4 8 Total



#### **M&A Transactions**

Date	Target	Acquirer	Target HQ		Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 2 2025	ar <b>©</b> ell	LABEX OF SCANDINAVIA	+	•	In Vitro: Histology & Cytology, Hematology & Coagulation, Immunodiagnostics	1.9	95	NA
Jan 3 2025	ChemPartner  Dedicated to LifeScience	undisclosed	*}:	•	<b>Consumables:</b> Reagents & Chemicals	0.9	100	NA
Jan 5 2025	<b>\</b> lyncée tec	Park systems	+		Diagnostic Services: Toxicology, Diagnostic Imaging, Clinical Pathology, Anatomic Pathology, Genetic Diagnostic Testing, Genomic Testing Life Science Tools: Instrumentation	3.4	100	NA
Jan 6 2025	Predictive Oncology	RENOVARO LIVE LONGER		•	<b>Life Science Tools:</b> Lab Equipment	2	31	NA
Jan 6 2025	Exousia Ai, Inc.	EXOUSIA		•	<b>Life Science Tools:</b> Lab Equipment	1	100	NA
Jan 7 2025	<b>&gt;</b> ○ DNA LINK	Joosung Sea & Air Co. Ltd		•	<b>Diagnostic Services:</b> Genetic Diagnostic Testing, Genomic Testing	8.1	100	16.47

#### **M&A Transactions**

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 7 2025	DR Direct Radiology	ONRAD, INC.	99999	<ul> <li>Diagnostic Services:         <ul> <li>Diagnostic Imaging</li> </ul> </li> <li>Biometric Monitoring:         <ul> <li>Biometric Monitoring</li> </ul> </li> <li>Software</li> </ul>	6.8	67	NA
Jan 8 2025	biomediq	SCREENPOINT Medical		<ul> <li>In Vivo Diagnostics: Image Management Software</li> </ul>	2.4	50	NA
Jan 9 2025	AKOYA BIOSCIENCES	Quanterix <sup>™</sup> The Science of Precision Health		Life Science Tools:     Instrumentation	87	50	275.43
Jan 10 2025	<b>I</b> BIODIGITAL	Anatomage		<ul> <li>In Vivo Diagnostics: Image Management Software</li> </ul>	14.8	100	NA
Jan 13 2025	C SPINCHIP	BIOMÉRIEUX	#	<ul> <li>In Vitro: Microbiology, Chemistry</li> </ul>	NM	100	113.22
Jan 13 2025	United States Drug Testing Laborator	NCP NORTHLANE CAPITAL PARTNERS		<ul> <li>Diagnostic Services: Clinical Pathology, Genomic Testing</li> </ul>	23.9	100	NA

#### **M&A Transactions**

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 7 2025	Life A	MindBio Therapeutics	*	• Software Publishers: Audio DDx	1.2	100	0.367
Jan 8 2025	新多制药 KIRKHANG FRANKAGE UTICAL	Jiangsu Lianhuan Pharmaceutical Co., Ltd.,Huixian City Construction Investment Co., Ltd.	*):	• Bio-Specimens: Cells	0.4	40	27.71
Jan 9 2025	SURGERY PARTNERS	<b>Z</b> BainCapital		• Diagnostic Services: Diagnostic Imaging	261	100	7208.07
Jan 10 2025	DIESSE	FREMMAN		• In Vitro: Immunodiagnostics	37	100	NA
Jan 13 2025	MEDICAL INTERNATIONAL RESEARCH			<ul> <li>eCOA: Sensors</li> <li>Biometric Monitoring:         <ul> <li>Biometric Monitoring</li> <li>Software, Clinical Biometrics</li> </ul> </li> <li>Software Publishers:         <ul> <li>Biometric DDx, Actigraphy</li> </ul> </li> </ul>	17.3	83	NA

#### Financings Summary

Target Leaf Node Capabilities									
Target Capabilities	Deal Count	% Total	Related Revenue (in millions)						
Diagnostic Services	13	17.3	999.3						
Life Science Tools	13	17.3	2191.1						
Biometric Monitoring	12	16	67.8						
In Vivo Diagnostics	9	12	101.1						
Software Publishers	5	6.7	30						
In Vitro	8	10.7	131						
Bio-Specimens	5	6.7	34.4						
eCOA	5	6.7	21						
Consumables	5	6.7	18.6						
Total	75	100	3594.3						

#### **Target Revenue Size (in millions)** >250M 50-100M 4% 8% 25-50M 18% < 10M 56% 10-25M 12%

# **Target Geographic Revenue US Deals by State**

	State	Count
Ą	CA	5
	NY	2
	IL	1
	FL	1
	Other	11
	Total	20
ı		

#### **Worldwide Deals by Country**



	Country	Count
	US	20
	IN	5
	CA	4
8	CN	3
	Other	18
	Total	50

Date	Target	Acquirer	Target HQ		elevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 2 2025	Beijing Safe Medical Evaluation Co., Ltd.	Beijing Shunxi Venture Capital Fund Management Co.,Ltd.	*;	• Bio-S	<b>Specimens:</b> Cells	1	100	NA
Jan 3 2025		undisclosed		Mana • Softv	vo Diagnostics: Image agement Software ware Publishers: ing DDx	1.6	62	20
Jan 3 2025	Medical INFORMATICS	undisclosed			netric Monitoring: netric Monitoring vare	9.8	33	5
Jan 6 2025	<b>&gt;</b> < DN∧ LINK	undisclosed	<b>**</b>	Gene	nostic Services: etic Diagnostic Testing, omic Testing	8.1	100	4.8
Jan 6 2025	Molecu <b>Light</b> °	Hayfin Capital Management LLP	*	• In Viv	<b>vo Diagnostics</b> : Imaging ces	10.6	100	27.5
Jan 6 2025	Insilico Medicine	Value Partners Group Limited,Shanghai Pudong Venture Investment Co., Ltd.	*[:	• Life S	<b>Science Tools</b> : Lab vare	29	50	100

Date	Target	Acquirer	Target HQ		Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 6 2025	SCOIS	New Enterprise Associates Inc, Eli Lilly and Company, Cormorant Asset Management	+	•	<b>Life Science Tools</b> : Lab Software	3.2	100	93.52
Jan 7 2025	(A) CANARY SPEECH	undisclosed		•	<b>Software Publishers</b> : Audio DDx	5.6	100	4.05
Jan 7 2025	Inspired Breathing. Empowered.	undisclosed	\$	•	<b>Biometric Monitoring</b> : Clinical Biometrics	4	50	82.96
Jan 7 2025	DECIPHEX	ACT Venture Capital Limited, Molten Ventures Plc, Charles River Laboratories International Inc		•	<b>Life Science Tools</b> : Lab Software	7.6	25	32.13
Jan 7 2025	senseera	Lightspeed Ventures, LLC, The Lowy Medical Research Institute, I-Next Capital	*	•	<b>Life Science Tools</b> : Lab Software	3.8	100	7.1

Date	Target	Acquirer	Target HQ		Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 8 2025	Ainnocence	undisclosed		•	<b>Life Science Tools</b> : Lab Software	1.6	100	1.24
Jan 8 2025	Seneoscopy Reinverling Gastrointestinal Health	Labcorp Holdings Inc, Bio-Rad Laboratories, Inc, Granger Management LLC		•	<b>Diagnostic Services</b> : Genomic Testing	12.6	100	105
Jan 8 2025	<b>indica</b> labs	Leica Biosystems Imaging Inc.		•	Diagnostic Services: Clinical Pathology In Vivo Diagnostics: Image Management Software	15.6	66	NA
Jan 8 2025	Aspect	Novo Nordisk A/S, Pangaea Ventures Ltd, InBC Investment Corp	*	•	<b>Bio-Specimens</b> : Tissues	22.4	100	114.67
Jan 8 2025	ALAMAR BIOSCIENCES	Alzheimer's Drug Discovery Foundation			Consumables: Imaging Consumables, Reagents & Chemicals, Labware, In-Vivo Models Bio-Specimens: Cells, Bio- Fluid, Tissues	28	100	10
Jan 9 2025	VIVO BIO TECH YOUR TRUSTED PRECEINICAL PARTNER	Dwight Technologies Private Limited, Antique Infotech Private Limited	•	•	<b>Diagnostic Services</b> : Toxicology	52.6	50	1.31

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 9 2025	METTLER TOLEDO	undisclosed		• Life Science Tools: Instrumentation	2067.1	100	102.94
Jan 10 2025	METROP LIS  The Pathology Specialist	undisclosed	•	<ul> <li>Diagnostic Services: Clinical Pathology, Anatomic Pathology, Genetic Diagnostic Testing, Genomic Testing</li> </ul>	813.3	100	NA
Jan 13 2025	mirxes	R-Bridge Healthcare Fund	<b>(</b> :	• In Vitro: Molecular	32.2	100	40
Jan 13 2025	<b>⅓</b> kerna <b>labs</b>	Susa Ventures Management LLC, Gradient Ventures, Pioneer Fund		• <b>Life Science Tools</b> : Lab Software	0.6	50	NA
Jan 13 2025	hc <sub>1</sub>	Health Cloud Capital,A1 Health Ventures		• <b>Life Science Tools</b> : Lab Software	60	100	6.25
Jan 14 2025	oral genome	undisclosed	30001	<ul> <li>In Vitro: Molecular</li> <li>Diagnostic Services:         Genomic Testing     </li> </ul>	1.4	100	NA

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 14 2025	TETHIS	Fondazione Enea Tech E Biomedical		• Life Science Tools: Lab Equipment	6	100	15.44
Jan 14 2025	√kinomica	BGF Investment Management Ltd, Longwall Venture Partners LLP, Mercia Ventures		• <b>Life Science Tools</b> : Lab Software	5.8	100	NA
Jan 14 2025	<b>P</b> Perceptive	Dental Innovation Alliance		Software Publishers: Imaging DDx	2.4	48	NA
Jan 15 2025	DWLSTONE	Bill & Melinda Gates Foundation, HVL Ventures Limited, Ventura Capital		• In Vitro: Chemistry	42	100	NA
Jan 15 2025	4	undisclosed		<ul><li>eCOA: Sensors</li><li>Biometric Monitoring: Biometric Monitoring Software</li></ul>	1	45	4.74
Jan 15 2025	aevicehealth	Denka Company Limited, Pegasus Tech Ventures Inc	<b>(</b> :-	• Biometric Monitoring: Wearable Devices	3.6	100	NA

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 16 2025	<b>COPESOUN</b>	PSG Equity L.L.C.		• In Vivo Diagnostics: Image Management Software	2	24	80
Jan 18 2025	Suzhou Inces Intelligent Technology Co Ltd	Suzhou Oriza Holdings Co Ltd, Luxin Venture Capital Group Co Ltd, China Merchants Capital Investment Co Ltd	*;	Life Science Tools:     Instrumentation	3.4	100	NA
Jan 20 2025	PRANTAE	IAN Group, Indian Angel Network, Investment Arm	•	• In Vitro: Molecular, Chemistry	3	100	0.58
Jan 21 2025	毕得医 <u>红</u> bidepharm.con	undisclosed	*;	• <b>Consumables</b> : Reagents & Chemicals	2.6	100	NA
Jan 21 2025	OYMotion Magic Now	Zhuhai Huafa Group Co Ltd, Beijing Guangda Huitong Engineering Technology Research Institute, Suzhou Chuangyuan Heying Capital Management	*;	<ul> <li>eCOA: Sensors</li> <li>Biometric Monitoring:         <ul> <li>Biometric Monitoring</li> <li>Software, Clinical Biometrics,</li> <li>Wearable Devices</li> </ul> </li> </ul>	1.4	100	13.75

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 22 2025	BIOSÝNEX EASY DIAGNOSTICS FOR LIFE	undisclosed		• In Vitro: Molecular	47.2	100	8.32
Jan 22 2025	ነ∖፞፞፞፞፞፞፞፞፞፞፞ጜጜ፞፞፞፞	General Catalyst Group Management LLC, Lightspeed Ventures LLC, FinLeap GmbH	+	<ul> <li>Diagnostic Services:</li> <li>Diagnostic Imaging</li> </ul>	31.6	100	260.39
Jan 22 2025	<u>Pisure</u>	Unicorn India Ventures Advisors LLP	•	• <b>Life Science Tools</b> : Lab Software	0.6	43	0.347
Jan 23 2025	M median	IRIS Capital Investment		<ul> <li>In Vivo Diagnostics: Image Management Software</li> </ul>	21.3	50	10.41
Jan 24 2025	Springbok	Transition Equity Partners LLC, NBA Equity, Cartan Capital		<ul> <li>In Vivo Diagnostics: Image Management Software</li> <li>Software Publishers: Imaging DDx</li> </ul>	0.2	20	5
Jan 24 2025	深睿医疗 oleepowise	Legend Capital Management Co Ltd, Hangzhou Hi-Tech Financial Investment Group	*;	<ul> <li>In Vivo Diagnostics: Image Management Software</li> </ul>	11	100	69.02

Date	Target	Acquirer	Target HQ		Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 27 2025	BMH North Mississippi Imaging Services, LLC	undisclosed		•	<b>Diagnostic Services</b> : Diagnostic Imaging	1	100	NA
Jan 27 2025	ONCOMATR X ploneering stromal medicine	CDTI	**	•	<b>In Vitro:</b> Histology & Cytology	4.4	100	26.25
Jan 27 2025	<b>\$</b> syenex	undisclosed		•	<b>Life Science Tools</b> : Lab Software	2.4	100	8.66
Jan 29 2025	harrison.ai	National Reconstruction Fund Corporation	* .	•	<b>In Vivo Diagnostics</b> : Image Management Software	45.2	100	19.93
Jan 29 2025	Ontario Inc.	undisclosed	*	•	<b>Software Publishers</b> : In Vitro DDx	1.4	100	0.025
Jan 30 2025	SIAG-NOSE	Breakthrough Victoria, Investment Arm, Specialty Physician Associates	* ·	•	<b>In Vitro:</b> Chemistry	1.8	100	1.96
Jan 30 2025	<b>○ VIEW</b> MIND	Alzheimer's Drug Discovery Foundation			eCOA: Sensors In Vivo Diagnostics: Imaging Devices	4.8	100	1.4

Date	Target	Acquirer	Target HQ	Relevant Target Capabilities	Revenue (in millions)	% of Relevant Revenue	Transaction Value
Jan 31 2025	accurate, relable, confidential testing.	undisclosed		• <b>Diagnostic Services</b> : Toxicology	72.2	100	0.553
Jan 31 2025	NUTRIX	Chile Ventures, Simpact Fund Sp. z o.o		<ul> <li>eCOA: Sensors</li> <li>Biometric Monitoring:         <ul> <li>Biometric Monitoring</li> </ul> </li> </ul> <li>Software, Clinical Biometrics</li>	13.8	74	2.5
Jan 31 2025	βetα βionics	Wellington Management Company LLP		<ul> <li>eCOA: Sensors</li> <li>Biometric Monitoring:         <ul> <li>Biometric Monitoring</li> </ul> </li> </ul> <li>Software, Clinical Biometrics,         <ul> <li>Wearable Devices</li> </ul> </li>	53.6	100	17

Segment	Total Market Cap	EV / LTM	EV / FTM Revenue	EV / LTM EBITDA	EV / FRM EBITDA	Price Performance	
5-5	(in billions)	Revenue				LTM	YTD
Clinical & Anatomic Pathology							
King Med  DIAGNOSTICS  NEBABB  WARRING  Tests you can trust  DOJO							
METROPOLIS  H.U.GROUP  MEDICOVER  MEDICOVER  MEDICOVER  SONIC HEALTHCARE  Idabcor	36.68	3.5x	3.1x	3.5x	13.4x	28%	11%
Specialized Testing	r						
Adaptive CareDx CASTLE EXOGE	<b>n</b> °						
EXACT SCIENCES GUARDANT Md×health Dx&Vx Gene[	51.87	4.5x	4.3x	4.5x	38.1x	116%	12%
Myriad <b>♣ natera</b>	<b>EO</b> OMICS						
Imaging							
alliança (RadNet.	5.81	2.8x	2.8x	2.8x	16.0x	77%	-9%
Molecular Genetic							
Dx&Vx AmoyDx BIOCARTIS Genomictree QIAGEN							
Hybribio ♣ Sansure Ø Seegene	15.09	3.8x	4.1x	3.8x	14.0x	-2%	-1%

	Segm	ient		Total Market Cap	EV / LTM	EV / FTM	EV / LTM EBITDA	EV / FRM EBITDA	Price Performance	
				(in billions)	Revenue	Revenue			LTM	YTD
Histology 8	& Cytology									
				0.23	3.1x	NM	3.1x	NM	-6%	3%
Infectious	Disease & Micr	obiology								
< <b>५</b> > Sansure	ACCELERATE DIAGNOSTICS	<b>.</b> QuidelOi	rtho" BIOMÉRIEUX	18.91	4.3x	4.1x	4.3x	14.1x	10%	16%
Clinical Cho	emistry & Imm	unodiagnost	ics							
Q ENT GET	<b>AbClon</b>	Autobio	Hotgen							
LE/ADM/AN	九强生物	<b>WANTAI</b>	bolitech							
Diasorin	וחצום	Getein Biotech, Inc.	BioPerfectus	100.81	5.7x	6.3x	5.7x	13.4x	5%	10%
Medical System	KHB KEHUA BIOTECH	maccura	ll/ondfo							
	SIEMENS Healthineers	Snibe								
Hematolog	y & Coagulatio	on								
SU	CCEEDER 💙	sysmex		12.34	3.8x	3.6x	3.8x	13.3x	6%	4%

Segment	Total Market Cap	EV / LTM	EV / FTM	EV / LTM	EV / FRM EBITDA	Pri Perfor	
Jeg.ment	(in billions)	Revenue	Revenue	EBITDA		LTM	YTD
Diabetes							
Lifotronic  — Caring for Better Life—  Senseonics	1.41	15.5x	11.2x	15.5x	11.6x	-20%	-5%
Diversified							
BIO RAD DIAGNOSTICS	10.7	2.5x	2.5x	2.5x	13.4x	13%	11%
Large Diversified							
Agilent (e)Vity ThermoFisher	287.22	6.4x	6.2x	6.4x	21.7x	11%	15%
Analytical & Research Instrumentation							
10% GENOMICS wayeal 解放 Biotage BRUKE	iR						
STANDARD BIOTOOLS		4.1x	3.9x	4.1x	20.5x	27%	15%
METTLER TOLEDO PACBIO® Waters™							

Segment	Total Market Cap	EV / LTM Revenue	EV / FTM Revenue	EV / LTM EBITDA	EV / FRM EBITDA	Price Performance	
	(in billions)					LTM	YTD
Reagents & Consumables							
Adaptive Clagen Clagen							
BIONEER Innovation - Value - Discovery bio-techne BOROSIL CELETING LIFE	58.54	6.5x	5.1x	6.5x	23.8x	-8%	10%
Genscript BIOFIL® PORTON REPLIGEN	58.54	0.5X	J. IX	0.5X	23.8X	-8%	10%
T. W. I. S. T. Vitrolife T. PART OF VITROLIFE GROUP							
Lab Automation							
BICO SARTORIUS STRATECOO OTECAN.	22.04	3.4x	3.2x	3.4x	17.1x	-23%	29%
Informatics & Technology							
PRECIGEN Schrödinger SimulationsPlus Syntekabio	2.99	8.6x	20.1x	8.6x	21.6x	-8%	28%
Imaging Software							
■ 4DMedical **	0.14	53.3x	21.2x	53.3x	NM	-12%	14%

Segment	Total Market Cap	EV / LTM Revenue	EV / FTM Revenue	EV / LTM EBITDA	EV / FTM EBITDA	Price Performance	
2-8	(in billions)					LTM	YTD
Imaging Technology							
SIEMENS: Healthineers:  Detection Technology  RAYCO  SonoScape Unlocking Life's Potential  WAREX I M A G I N G	68.95	7.6x	4.3x	7.6x	11.5x	3%	8%
Media & Consumables							
Guerbet   <b>iii</b>	0.36	0.8x	0.8x	0.8x	5.2x	14%	2%
Monitoring							
CONTEC** TRANSTEK	5.42	4.6x	3.2x	4.6x	41.4x	-9%	33%
Overview Performance							
TOTAL MKT CAP/MEDIAN MULTIPLES & AVG SHARE PRICE	787.41	5.5x	5.1x	5.5x	18.5x	12%	11%
S&P PERFORMANCE						19.8%	2.6%