

## Second Quarter 2017

16 August 2017

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# ASETEK in brief

- Listed on Oslo Børs
- **Business**
- Sales
- **Operating profit**

Market cap

- **OSE4520 Technology Hardware & Equipment**
- Provider of liquid cooling solutions for data centers, servers and PCs
- Q2'17 USD 11.1 million / FY'16 USD 51 million
- Desktop PC segment Q2'17 USD 2.4 million / FY'16 USD 14.3 million Data center segment Q2'17 USD (2.2) million / FY'16 USD (6.9) million
- USD ~385 million / NOK ~3.0\* billion

\* 1 USD = NOK 7.97 (15.AUG.17)







## What we do



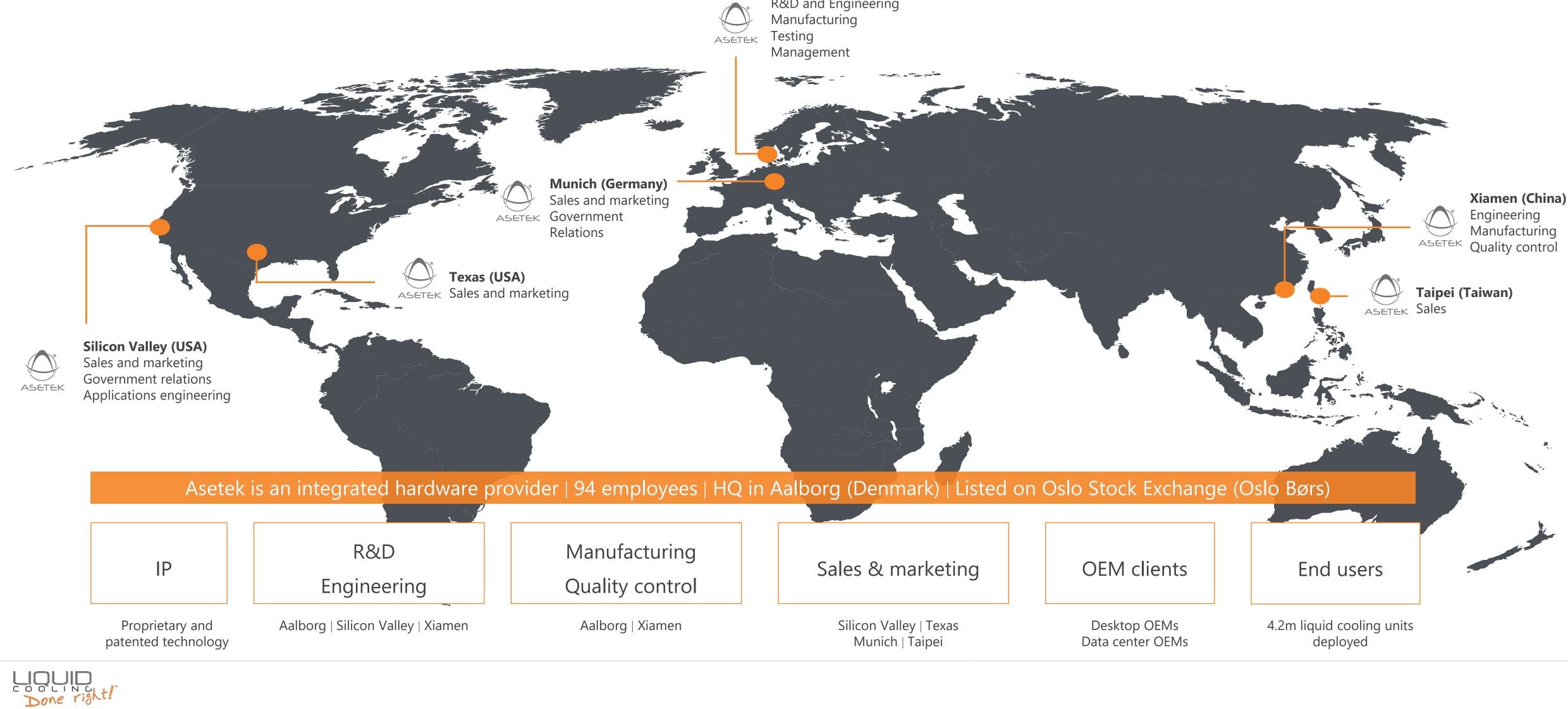




### Asetek specializes in liquid cooling solutions data centers, servers and PCs



# Our integrated value chain and global reach

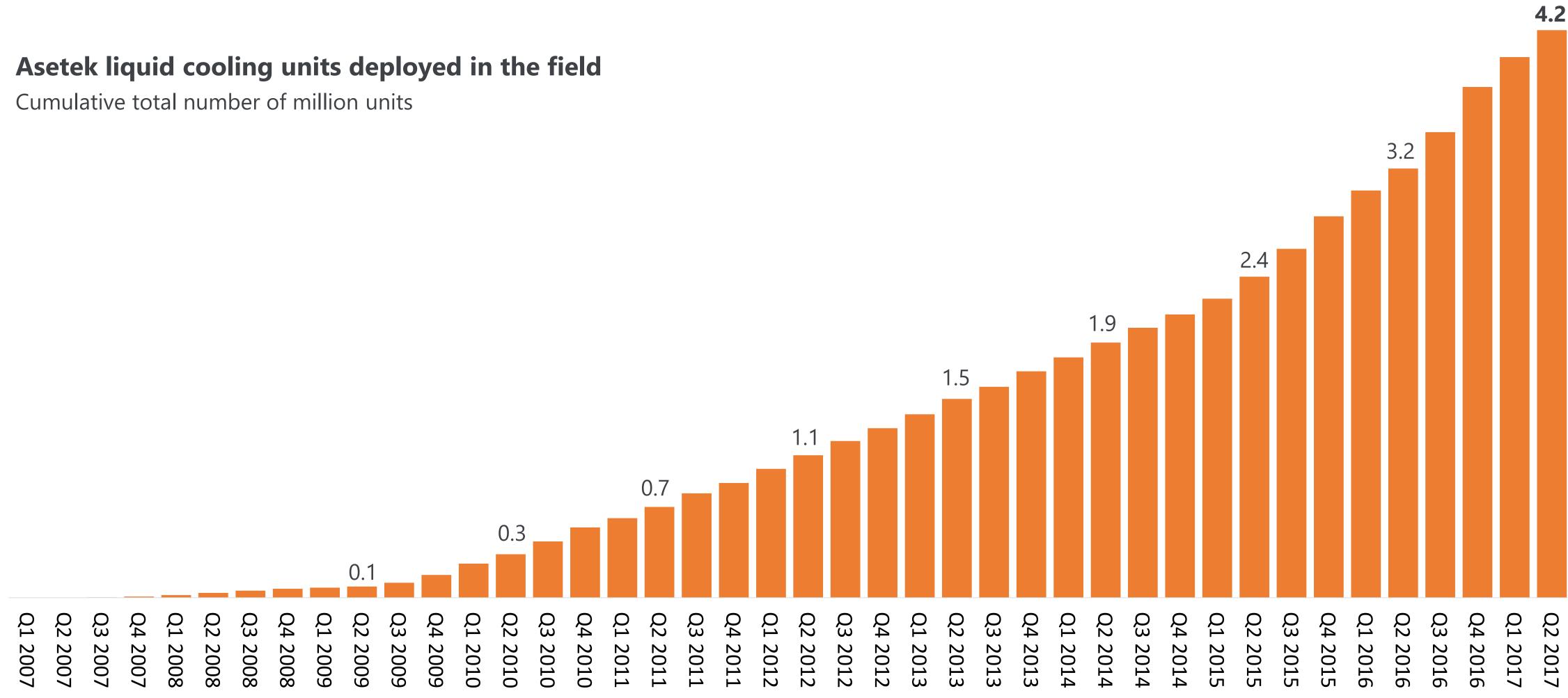




Aalborg (Denmark) R&D and Engineering



# > 4.2 million liquid cooling units deployed in the field











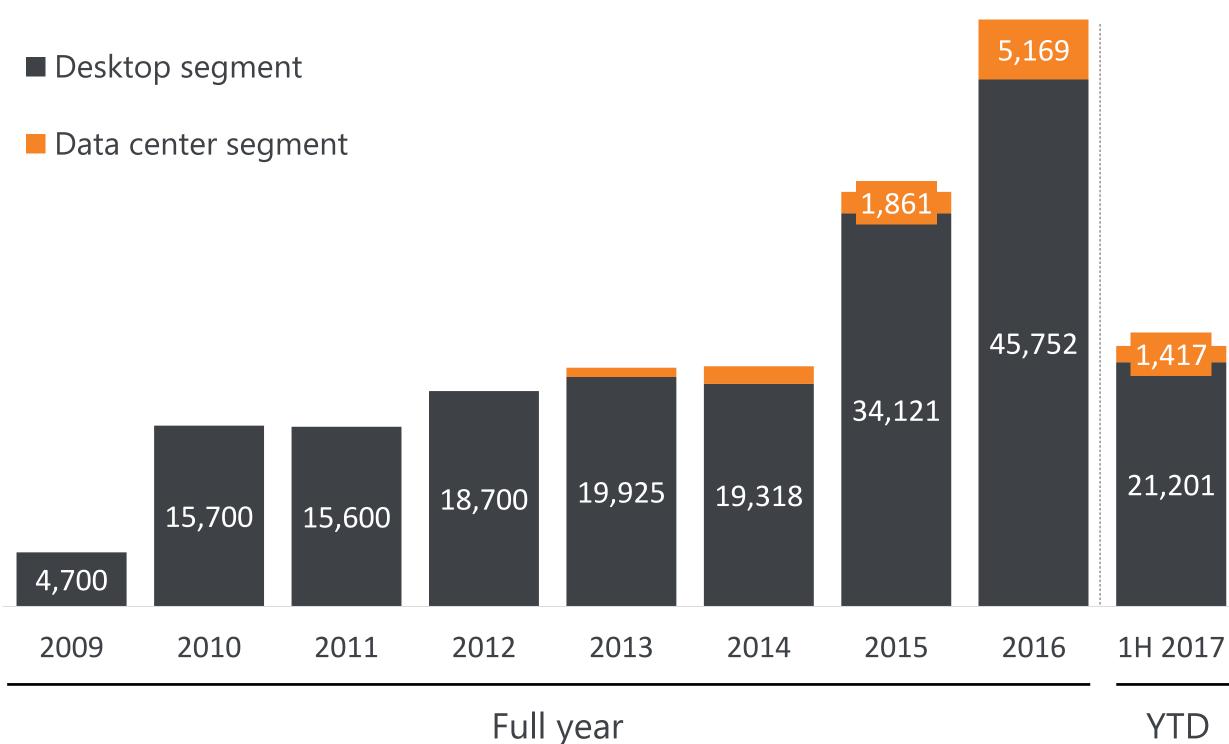
# Highlights

- Revenues of USD 11.1 million, up 33% vs. Q2'16
  - Driven by high-end gaming cooling demand
  - Q2 data center revenue fueled by OEM shipments
- Increased end-user adoption through new and repeat orders from data center OEM partners
- New desktop DIY design wins
- Successful patent defense award
- Paid NOK 1 per share dividend in May
- Raised full-year 2017 revenue guidance for desktop segment





### **Revenue per segment, USD thousands**

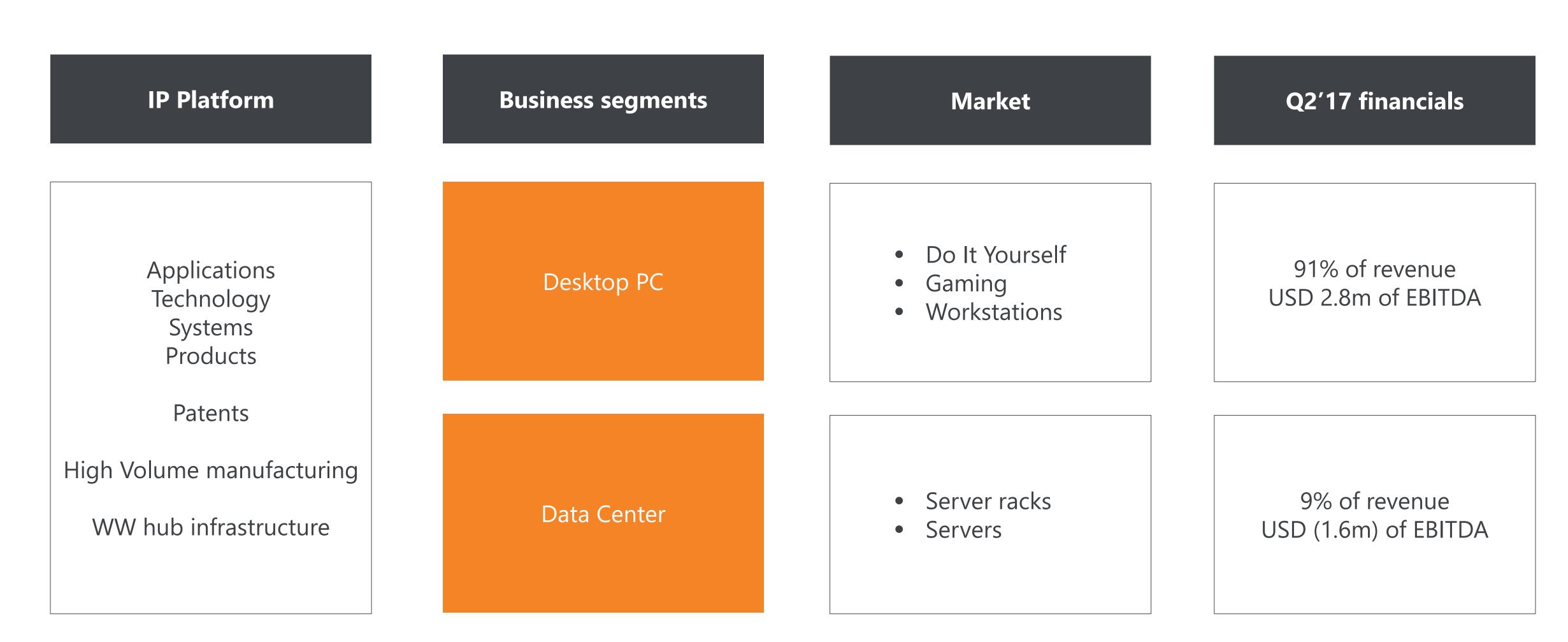








# Two business segments









**DESKTOP SEGMENT** 

# Positive development despite challenged PC industry

REAL PROPERTY AND	<b>Do-It-Yourself</b> <b>PC enthusiasts</b> 72% sales*	<ul> <li>Des pro</li> <li>Stro</li> <li>2 no</li> </ul>
	<b>Gaming and Performance Desktop PCs</b> 27% sales*	<ul> <li>Incr a m</li> <li>Tot</li> <li>2 no</li> </ul>
	<b>Enterprise Workstations</b> 1% sales*	• Wo







- esktop segment driven by new, powerful technologies and high ofile computer games
- rong demand within the DIY market
- new design wins (Thermaltake and Fractal Design)
- creasing need for advanced cooling due to customer desire for more immersive gaming experience
- tal addressable market expanding
- new products began shipping
- orkstation category marginal part of segment today



### DESKTOP SEGMENT

# Asetek now reaching end-users across all continents

### 

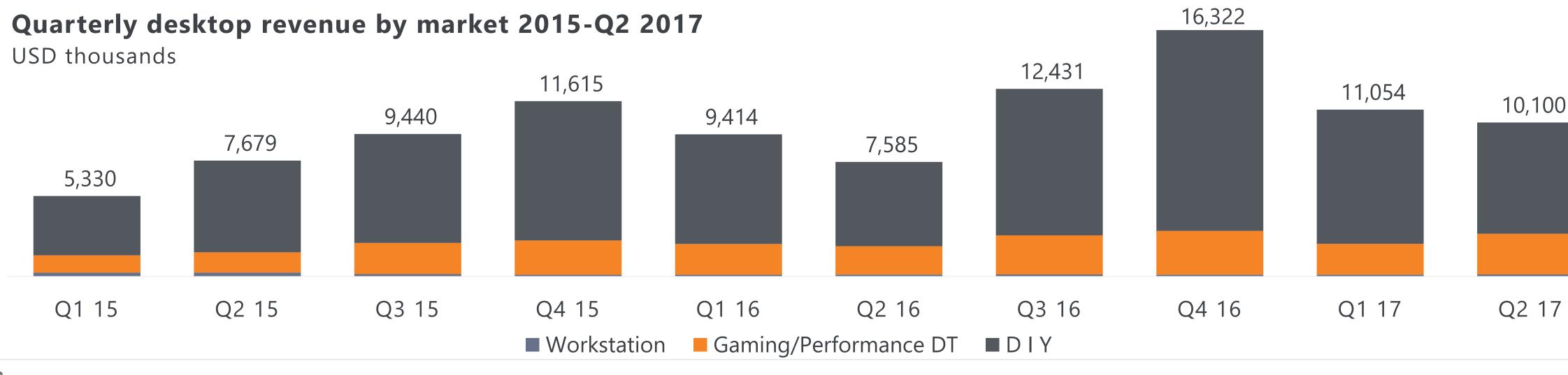
Liquid Cooling Retention Kits included in Ryzen Threadripper CPUs

### Tt Thermaltake

Partnering with Thermaltake on new cooler series

### fractal

Partnering with Fractal Design on new CPU cooler







• The partnership will enable customers to easily utilize any existing Asetek liquid cooler with the new platform right out of the box • AMD's Ryzen Threadripper is a new processor platform targeting the high-end desktop (HEDT) market

• Asetek technology to be deployed on Thermaltake's new Floe Riing RGB TT Premium edition all-in-one cooler series Partnership with Thermaltake has progressed over the years and liquid cooling has expanded in their portfolio

• Liquid cooling technology to be deployed on Fractal Design's new Celsius Series CPU cooler

• Asetek supplies liquid cooling technology to multiple respected global brands – AMD, Corsair, EVGA, Fractal, NZXT and Thermaltake



DATA CENTER SEGMENT

# Continued data center expansion

### Taiwan's new supercomputer to use Asetek's technology

- Fujitsu order for RackCDU D2CT (Direct-to-Chip) liquid cooling

### Asetek to cool the world's most advanced GPU's

- •
- Penguin to utilize Asetek's RackCDU D2C<sup>™</sup> liquid cooling into its Tundra<sup>™</sup> Extreme Scale (ES) platform

### Asetek launch products with global player

- Revenue to begin at that time •





Increasing end-user adoption through existing OEMs

### New global partner



• The technology is to be used at the new HPC installation at the National Center for High Performance Computing in Taiwan

Selected by Penguin Computing to cool NVIDIA's P100 GPU accelerators, the most advanced GPU produced by NVIDIA

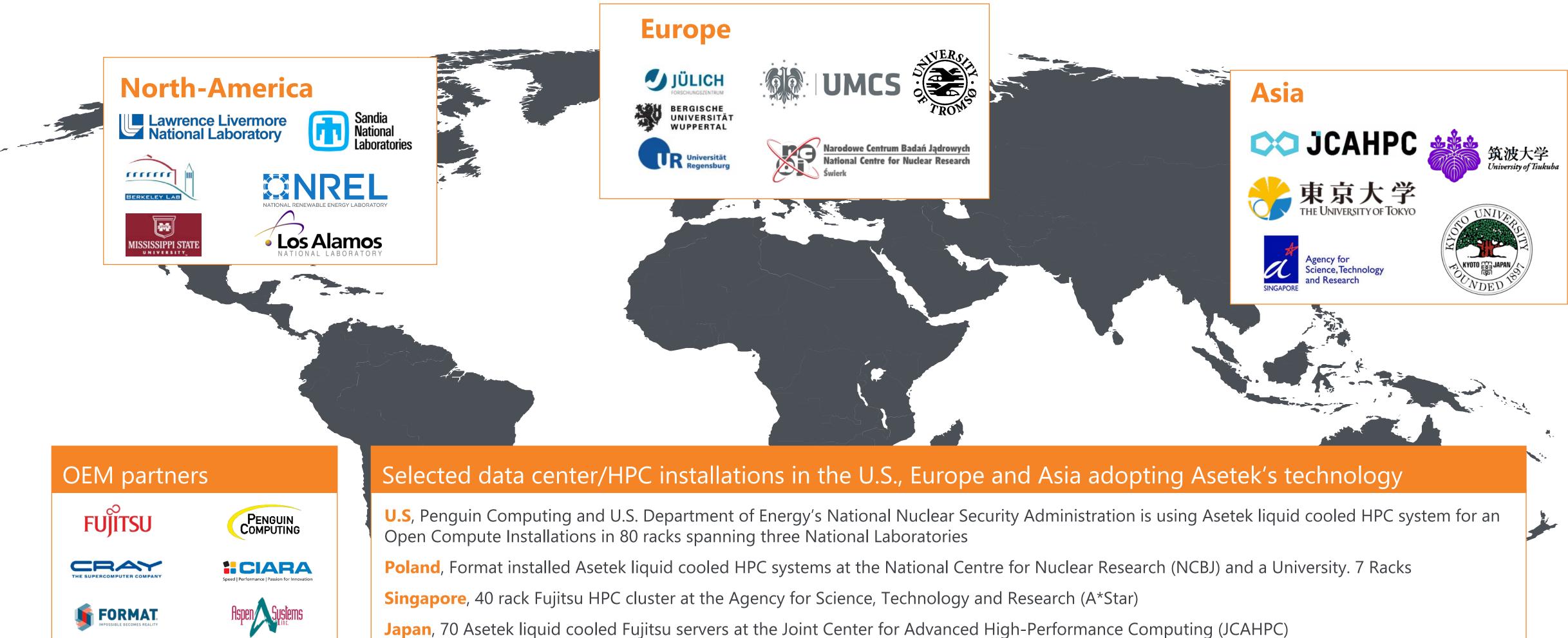
• Undisclosed global player is expected to launch the first product at the SC17 tradeshow in November 2017.



DATA CENTER SEGMENT

Done right!

# Global leadership in OEMs & installations







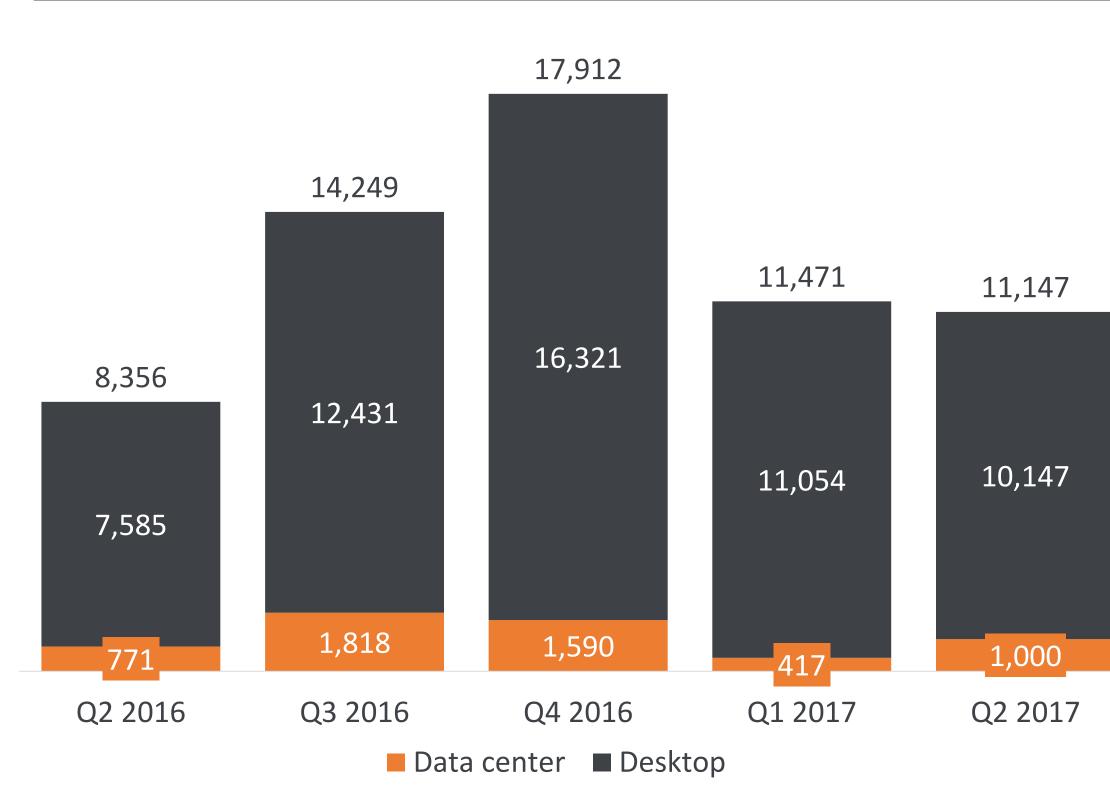
# Revenue development

- Q2'17 group revenue of \$11.1m driven by DIY and Gaming Performance desktop sales
  - Increase of 33% vs Q2'16
- Q2'17 desktop revenue \$10.1m
  - Driven by demand in DIY and Gaming Performance desktop markets
  - Compares with \$7.6m in Q2'16 and \$11.1m in Q1'17
- Q2'17 data center revenue of \$1.0m
  - Driven by shipments to OEMs
  - Compares with \$0.8m in Q2'16 and \$0.4m in Q1'17
- Raised full-year desktop revenue expectations and reaffirming 2017 data center expectations





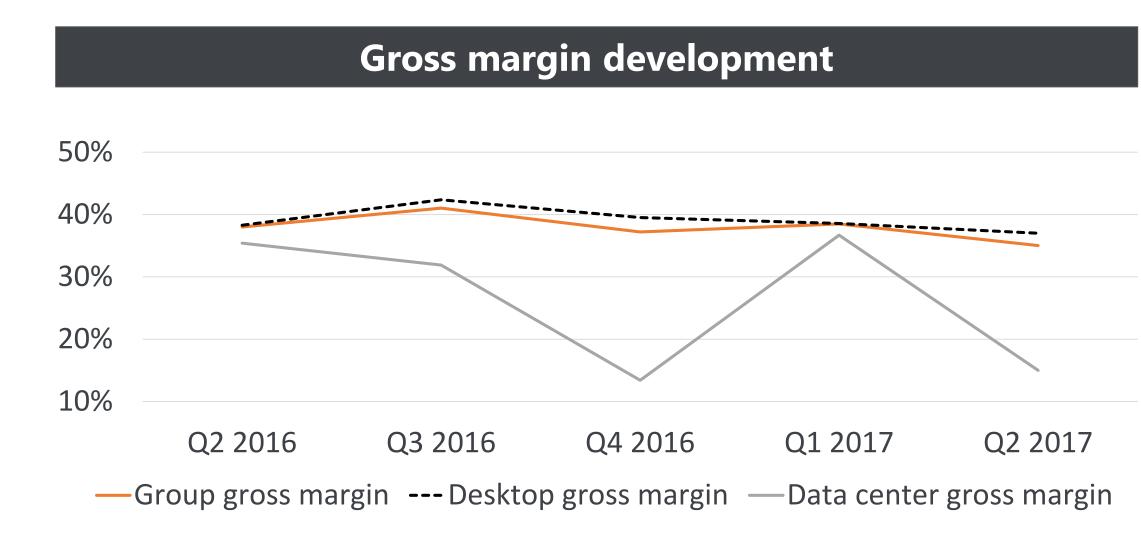
### Group revenue, USD thousands







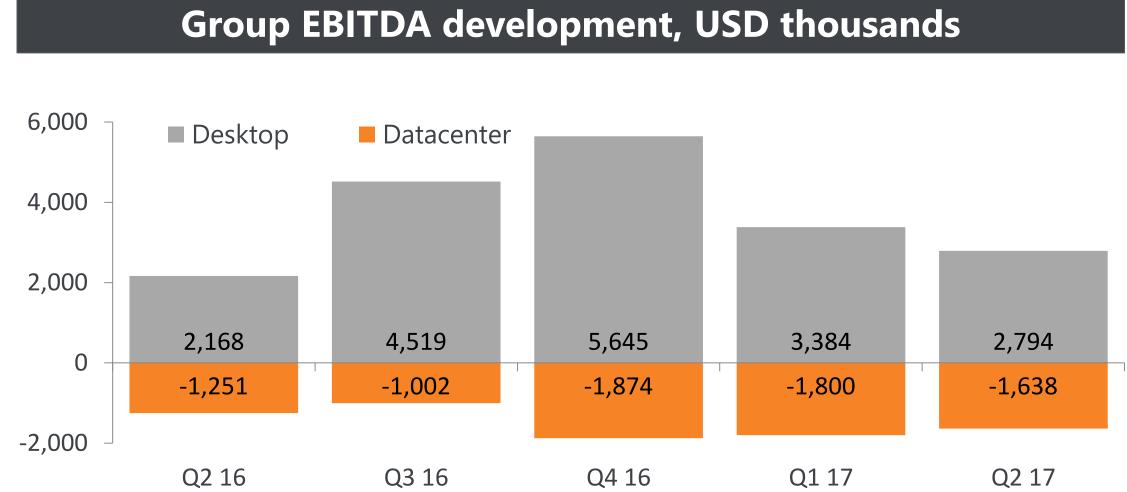
# Gross margin and earnings development



- Group gross margin of 35.0% (38.0%)
  - Desktop gross margin at 37.0% (38.3%)
    - Decline due to replacement of products shipped to a customer in Q4/16
  - Data center gross margin at 15.0% (35.4%)
    - Decline due primarily to replacement of products at customer site (\$0.2m/20%points) in order to stand behind quality leadership position







- Desktop EBITDA margin of 27.5% (28.6%)
- Data center EBITDA of USD (1.6) million
  - Since Q4/16, the expenditure level has been increased in preparation of launch with a global player as announced in February 2017.





### Income statement

USD (000's)		Q2 2017			Q2 2016	
	Group	Desktop	Data center	Group	Desktop	Data center
Revenue	11 147	10 147	1,000	8 356	7 585	771
Gross Margin	35.0 %	37.0%	15.0%	<u>38.0 %</u>	38.3%	35.4%
Other operating expenses	2 748	960	1 788	2 259	735	1 524
EBITDA adjusted	1 156	2 794	<mark>(1</mark> 638)	917	2 168	(1 251)
Depreciations	631	296	335	700	232	468
Share based compensation	330	111	219	82	27	55
EBIT	195	2 387	<mark>(</mark> 2 192)	135	1 909	(1 774)
EBIT Margin	1.7%	23.5%	N/A	<b>1.6 %</b>	25.2%	N/A
HQ, Litigation expenses	448			292		
HQ, Settlement received	(651)					
HQ, Share based compensation	161			38		
HQ, Other	267			282		
Headquarters costs	225			612		
EBIT, total	( 30)			( 477)		

• Increased costs related to headcount growth, investments in developing OEM partnerships and intellectual property defense • USD 0.7 million settlement awarded for a patent infringement lawsuit







# Cash flow statement

USD (000's)	Q2 2017	Q1 2017	Q4 2016	Q3 2016	Q2 2016
Income (loss) for the period	(625)	151	7 578	2 055	(387)
Depreciation, amortization and impairment	631	388	563	598	702
Finance cost (income) and taxes	10	8	(4 707)	6	9
Share based compensation	491	72	88	115	120
Changes in current assets other than cash	(198)	4 353	(4 182)	(3 142)	(752)
Changes in payables and accrued liabilities	2 576	(5 769)	1 342	3 670	2 088
Net cash provided (used) in operating activities	2 885	( 797)	682	3 302	1 780
Additions to intangible assets and other assets	(674)	(391)	(433)	(398)	(539)
Purchase of property and equipment & other	(637)	(225)	(528)	(169)	(251)
Net cash used in investing activities	(1 311)	(616)	(961)	(567)	(790)
Proceeds from debt issuance, other LT liabilities					
Cash flows on credit lines/debt/lease	286	(213)	125	(44)	(37)
Issuance of capital / conv debt / dividend	(2 281)	274	112	-	4
Net cash provided (used) by financing activities	(1 995)	61	237	(44)	(33)
Effect of exchange rate changes on cash	491	(74)	(641)	25	(114)
Net changes in cash and cash equivalents	70	(1 426)	( 683)	2 716	843
Cash and cash equivalents at beginning of period	16 184	17 610	18 293	15 577	14 734
Cash and cash equivalents at end of period	16 254	16 184	17 610	18 293	15 577







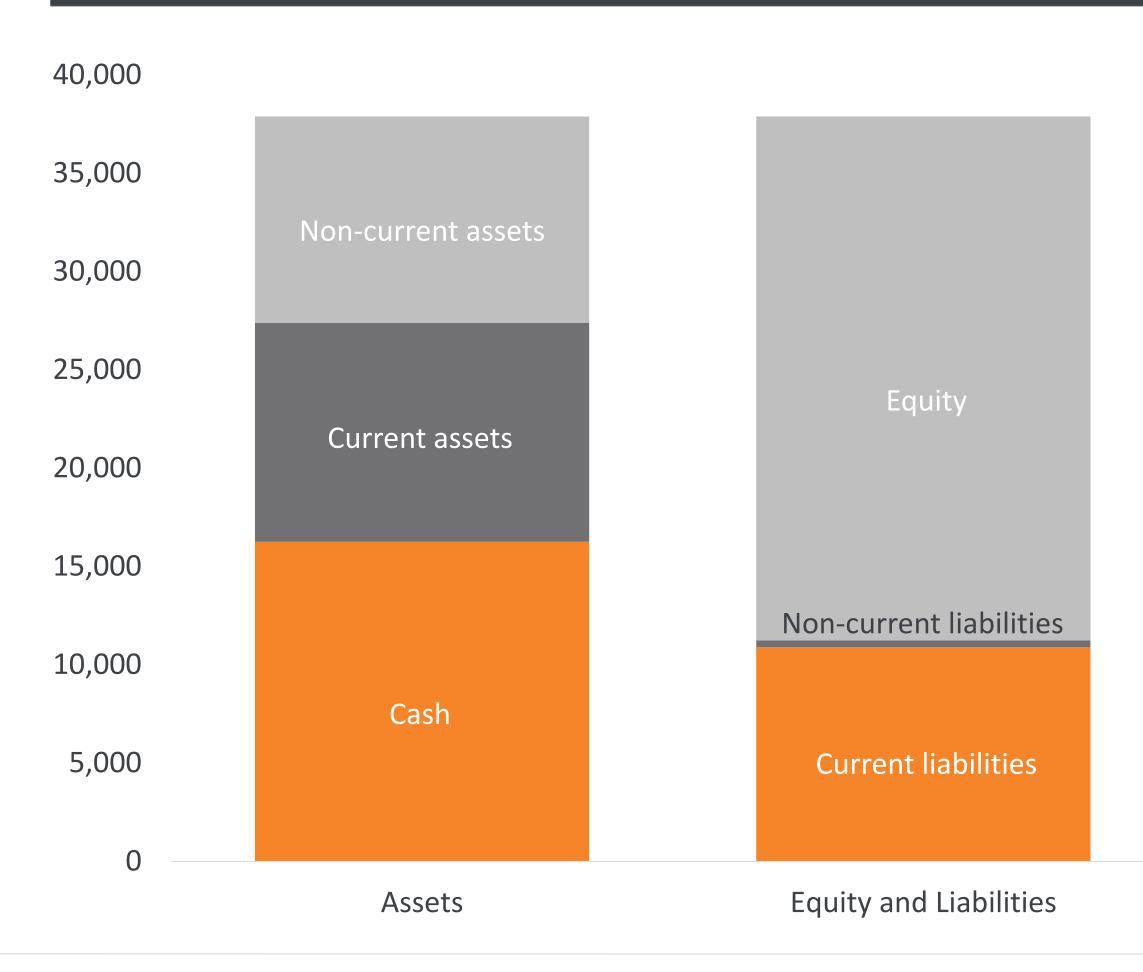
# Balance sheet

- NOK 1.00 per share distribution of 2016 dividend in May
- Limited investments in fixed asset
- Strong cash position
- Low interest bearing debt
- Balance sheet enabling growth and financial flexibility





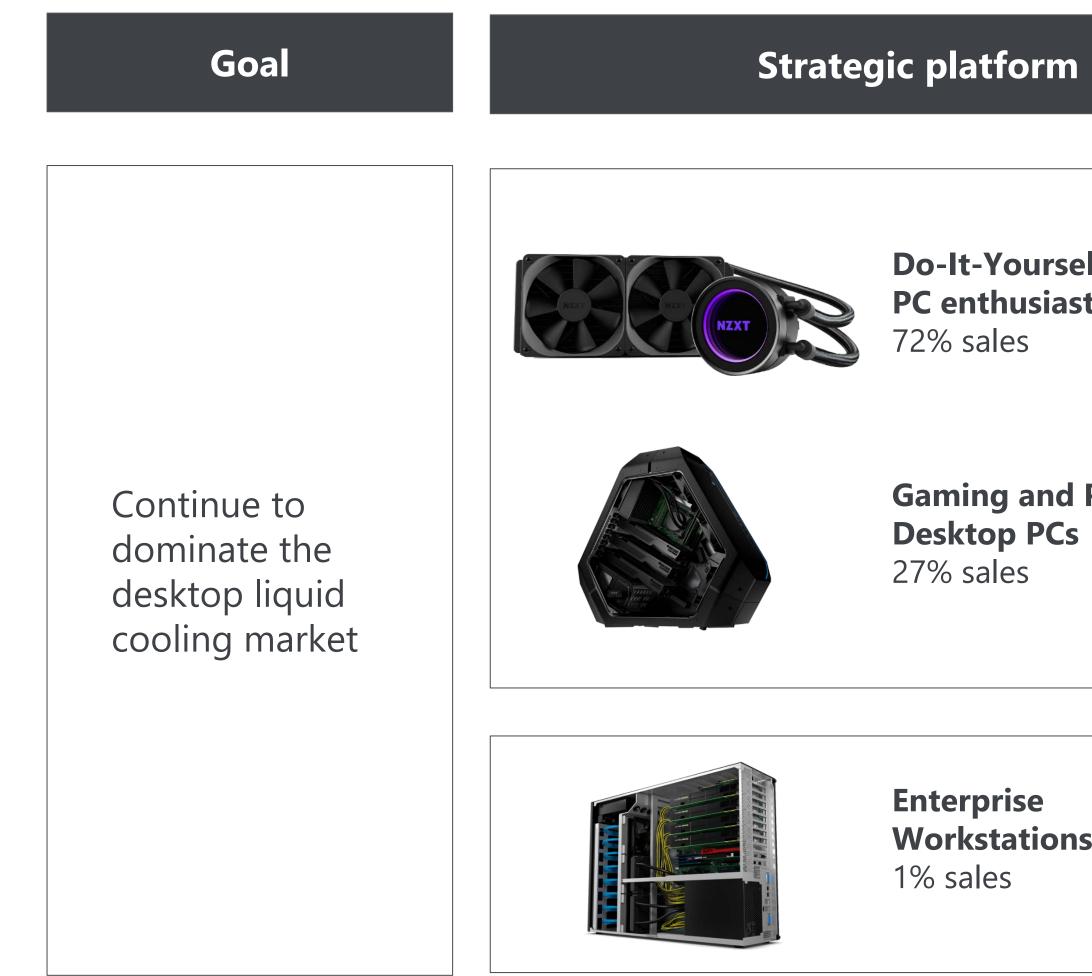
### **Balance sheet composition - USD thousands**



17

**DESKTOP SEGMENT** 

# Desktop strategy and outlook





\* Updated full year 2017 revenue guidance published 21.07.17



ו	Strategy	Outlook
elf sts	<ul><li>Drive differentiation</li><li>Increase GPU attach</li></ul>	Expecting revenue growth between 1 and 20%* for the full year 2017 compared with the year 2016. Thus expecting a couple strong quarters and exceeding even the
٦S	Recover market share	strong quarters o 2016.

## Je 0% full e of nead he of



DATA CENTER SEGMENT

## Data center strategy and outlook

Goal	
	Exploit establis
Increase end-user adoption with existing OEMs Add new OEMs	Execute on the to be disclosed
	Explore potent segment



Strategy

shed leadership within HPC

e development agreement with the as yet d major player in data center market

tial opportunities to grow beyond the HPC

Reaffirming 2017 expectations. Despite a small delay in the release of our new partner we expect a strong second half year.



### Outlook





# Summary

- Revenues of USD 11.1 million, up 33% vs. Q2'16
- Increased end-user adoption through new and repeat order from data center OEM partners
- Zero-tolerance quality policy cost a couple of margin points in Q2
- New desktop DIY design wins
- Successful patent defense award
- Paid NOK 1 per share dividend in May
- Raised full-year 2017 revenue guidance for desktop segment
- Expect a couple of strong quarters ahead









# Largest shareholders as of 15 August 2017

Name	Holding	Percentage	Country Account Type
SUNSTONE TECHNOLOGY	3,186,341	12.5%	DNK ORDINARY
ARBEJDSMARKEDETS TIL	2,015,838	7.9%	DNK ORDINARY
DANSKE BANK A/S	1,596,248	6.3%	DNK NOMINEE
UBS SWITZERLAND AG	1,371,766	5.4%	CHE NOMINEE
HSBC BANK PLC	1,267,579	4.9%	GBR NOMINEE
CLEARSTREAM BANKING	1,003,215	3.9%	LUX NOMINEE
KLP AKSJENORGE	970 <b>,4</b> 06	3.8%	NOR ORDINARY
STATE STREET BANK &	960,000	3.8%	USA NOMINEE
NORDEA BANK AB	912,097	3.6%	DNK NOMINEE
THE BANK OF NEW YORK (1)	768,447	3.0%	DNK NOMINEE
KOMMUNAL	705,871	2.8%	NOR ORDINARY
NORDNET BANK AB	606,890	2.4%	SWE NOMINEE
THE BANK OF NEW YORK	568,464	2.2%	BEL NOMINEE
RBC INVESTOR SERVICE	489,068	1.9%	LUX NOMINEE
VERDIPAPIRFONDET DNB	488,662	1.9%	NOR ORDINARY
J.P. MORGAN CHASE (1)	428,113	1.7%	GBR NOMINEE
CITIBANK, N.A.	426,937	1.7%	KWT NOMINEE
J.P. MORGAN CHASE	358,000	1.4%	DEU NOMINEE
EUROCLEAR BANK S.A./	301,400	1.2%	BEL NOMINEE
SKANDINAVISKA ENSKIL	290,394	1.1%	SWE NOMINEE
Total Top 20	18,715,736	73.4%	
Other Shareholders	6,469,761	25.3%	
ASETEK Treasury Shares	336,400	1.3%	
Total share capital	25,521,897	100.0%	







## Income statement

$\frac{1}{10000}$	02 2017	02 2016	1H 2017	1H 2016		2016
Figures in USD (000's)	Q2 2017 Unaudited	<b>Q2 2016</b> Unaudited	Unaudited	Unaudited		2010
Revenue	\$ 11 147			\$ 18 760	\$	50 921
Cost of sales	7 243	5 180	14 299	11 522	-	31 171
Gross profit	3 904	3 176	8 319	7 238		19 750
Research and development	1 007	849	1 890	1 556		3 428
Selling, general and administrative	3 578	2 804	6 831	5 539		11 653
Other income	(651)	- 2 004	(651)	-		-
Total operating expenses	3 934	3 653	8 070	7 095		15 081
Operating income	(30)	(477)	249	143		4 669
Foreign exchange (loss) gain	(562)	118	(672)	(84)		330
Finance costs	(3)	(9)	(12)	(23)		(8)
Total financial income (expenses)	(565)	109	(684)	(107)	1	322
Income before tax	(595)	(368)	(435)	36		4 991
Income tax (expense) benefit	(30)	(19)	(39)	(32)		4 646
Income for the period	(625)	(387)	(474)	4		9 637
	(					
Other comprehensive income items that may be re to profit or loss in subsequent periods:	eclussijieu					
Foreign currency translation adjustments	733	(149)	727	100		(455)
					_	
Total comprehensive income	\$ 108	\$ (536)	\$ 253	\$ 104	\$	9 182
Income per share (in USD):						
Basic	\$ (0.02)	\$ (0.02)	\$ (0.02)	\$ 0.00	\$	0.39
Diluted	\$ (0.02)	\$ (0.02)	\$ (0.02)	\$ 0.00	\$	0.38
	Ŷ (0.02)	Ç (0.02)	Ŷ (0.02)	Ç 0.00	ΙΎ	0.







## Balance sheet

Figures in USD (000's)	3	30 June 2017	31 Dec 2016
ASSETS		Unaudited	
Non-current assets			
Intangible assets	\$	2 290 \$	1 871
Property and equipment		2 503	1 684
Deferred income tax assets		4 988	4 874
Other assets		708	642
Total non-current assets		10 489	9 071
Current accets			
Current assets		1 450	1 1 5 0
Inventory		1 450	1 158
Trade receivables and other		9 694	13 325
Cash and cash equivalents		16 254	17 610
Total current assets		27 398	32 093
Total assets	\$	37 887 \$	41 164
	· · ·		
EQUITY AND LIABILITIES			
Fauity			
Equity Share capital	Å	۸10 č	A 1 7
Share capital Retained earnings	Ş	418 \$	417
Retained earnings		25 752	28 130
Translation and other reserves		473	(257)
Total equity		26 643	28 290
Non-current liabilities			
Long-term debt		350	264
Total non-current liabilities		350	264
Current lighilities			
Current liabilities		740	
Short-term debt		743	524
Accrued liabilities		2 526	1 305
Accrued compensation & employee benefits		1 729	1 413
Trade payables		5 896	9 368
Total current liabilities		10 894	12 610
Total liabilities		11 244	12 874
Total equity and liabilities	\$	37 887 \$	41 164
	Т	T	· ·







# Equity

Figures in USD (000's)	Share capital	Share premium	Translation reserves		Other reserves	Retained earnings	Tota
Equity at January 1, 2017	\$ 417	\$ - -	\$ (248)	\$	(9) \$	28 130 \$	28 290
Total comprehensive income - six months ended June 30, 2017						·	
Income for the period	_	-	_		_	(474)	(474)
Foreign currency translation adjustments	_	_	727		_	( ' ' ' ' )	727
Total comprehensive income - six months ended June 30, 2017	 _	-	727		-	(474)	253
Transactions with owners - six months ended June 30, 2017							
Shares issued	1	-	-		3	440	444
Share based payment expense	-	-	-		-	563	563
Dividends	-	-	-		-	(2 907)	(2 907)
Transactions with owners - six months ended June 30, 2017	 1	-	-		3	(1 904)	(1 900)
Equity at June 30, 2017	\$ 418	\$ -	\$ 479	\$	(6) \$	25 752 \$	26 643
Equity at January 1, 2016	\$ 416	\$ 76 665	\$ 207	\$	(9) \$	(58 633) \$	18 646
Total comprehensive income - six months ended June 30, 2016							
Loss for the period	-	-	-		-	4	4
Foreign currency translation adjustments	 -	_	100		-	-	100
Total comprehensive income - six months ended June 30, 2016	 -	_	100		-	4	104
Transactions with owners - six months ended June 30, 2016 Shares issued	-	21	_		_	_	21
Share based payment expense	-	-	-		-	125	125
Transactions with owners - six months ended June 30, 2016	 -	21	-		-	125	146
	\$ 416		\$	-		(58 504) \$	18 896

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		capital		premum					C al lings	1014
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