



S E A L T E C H

D I F F E R E N C E T H R O U G H T E C H N O L O G Y

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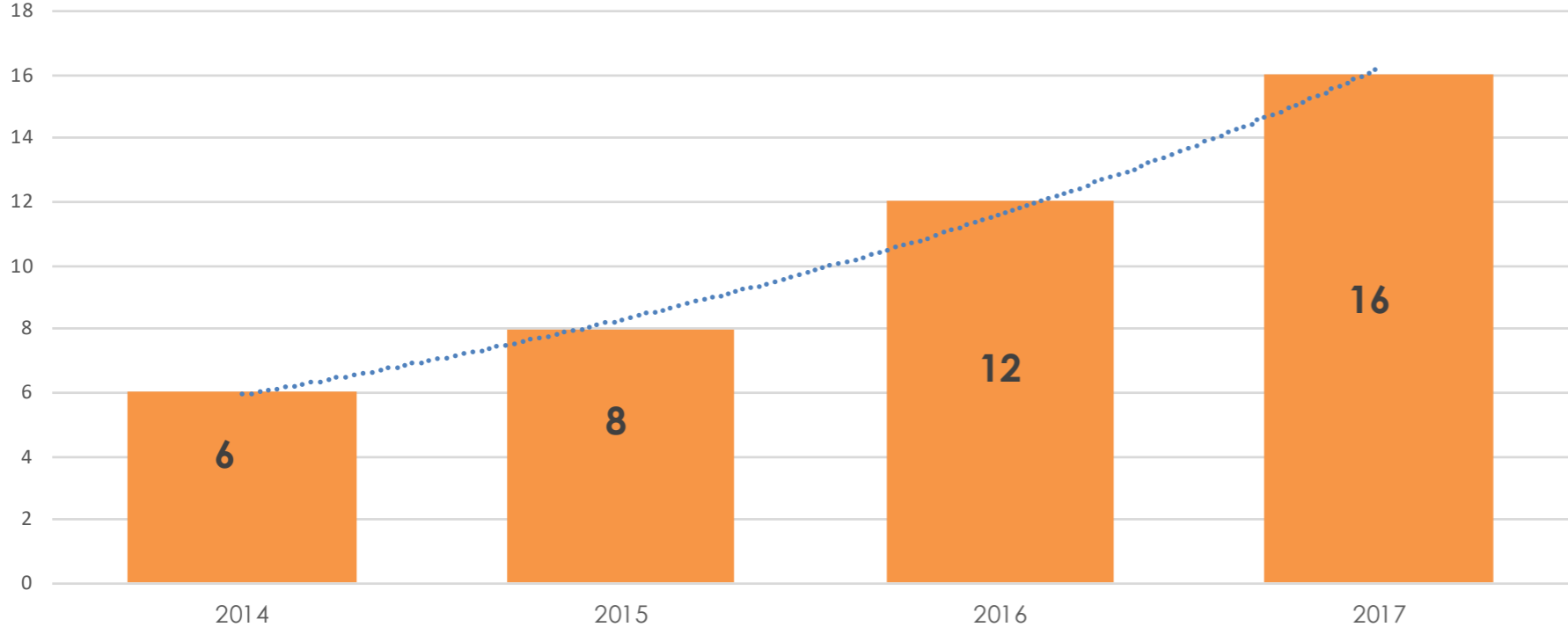
Key Items

Company Profile



Seal Tech HQ

Sales Growth (Milion USD)



- 1986** Company Found
- 1995** Firstly Localized FFKM solution in Korea
- 1997** Primary Supplier for Samsung, LG and SK Hynix
- 1999** Exclusive Partnership with Daikin
- 2013** US Branch in Silicon Valley
- 2013** Lam Research Supplier
- 2019** Korea's Biggest Clean Factory
- 2019** Korea's Biggest and most advanced Clean room

Company Profile



New Factory
Entire top-down flow system
100 to 10,000 Class Clean Rooms
Open on Aug.10.2019

Raw Material Supply Chain



Raw Material Supplier



EXCLUSIVE



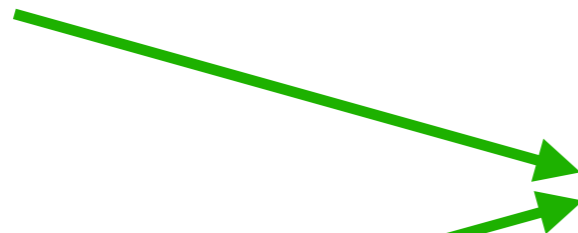
Compound Supplier



EXCLUSIVE



Brand



Open to All



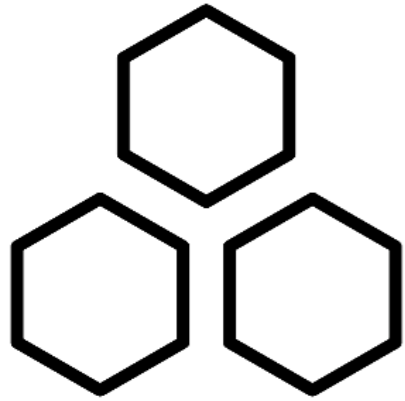
Others

Company Profile - Key Partners

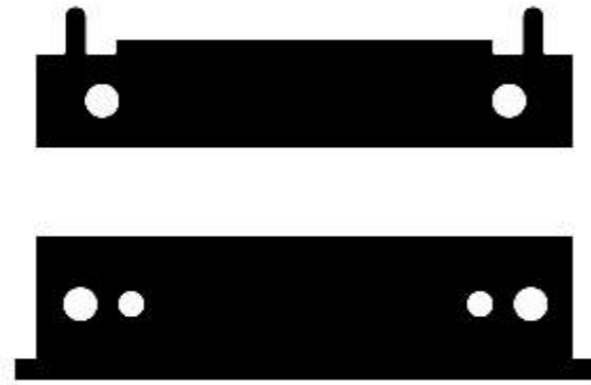


Why Seal Tech?

Clean Room - Class 100 and 1000



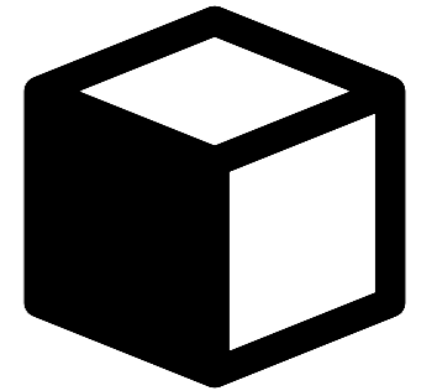
Compounding



Molding



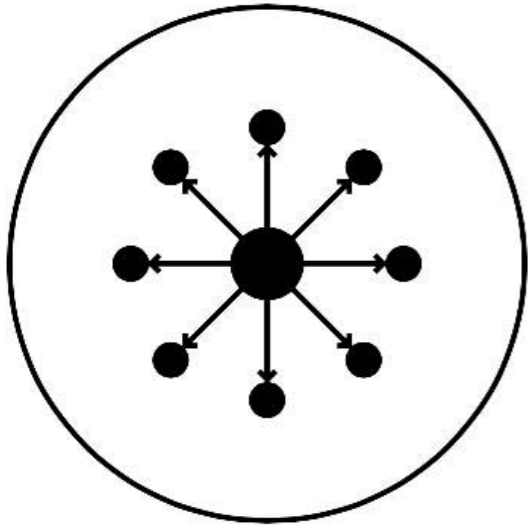
Cleaning



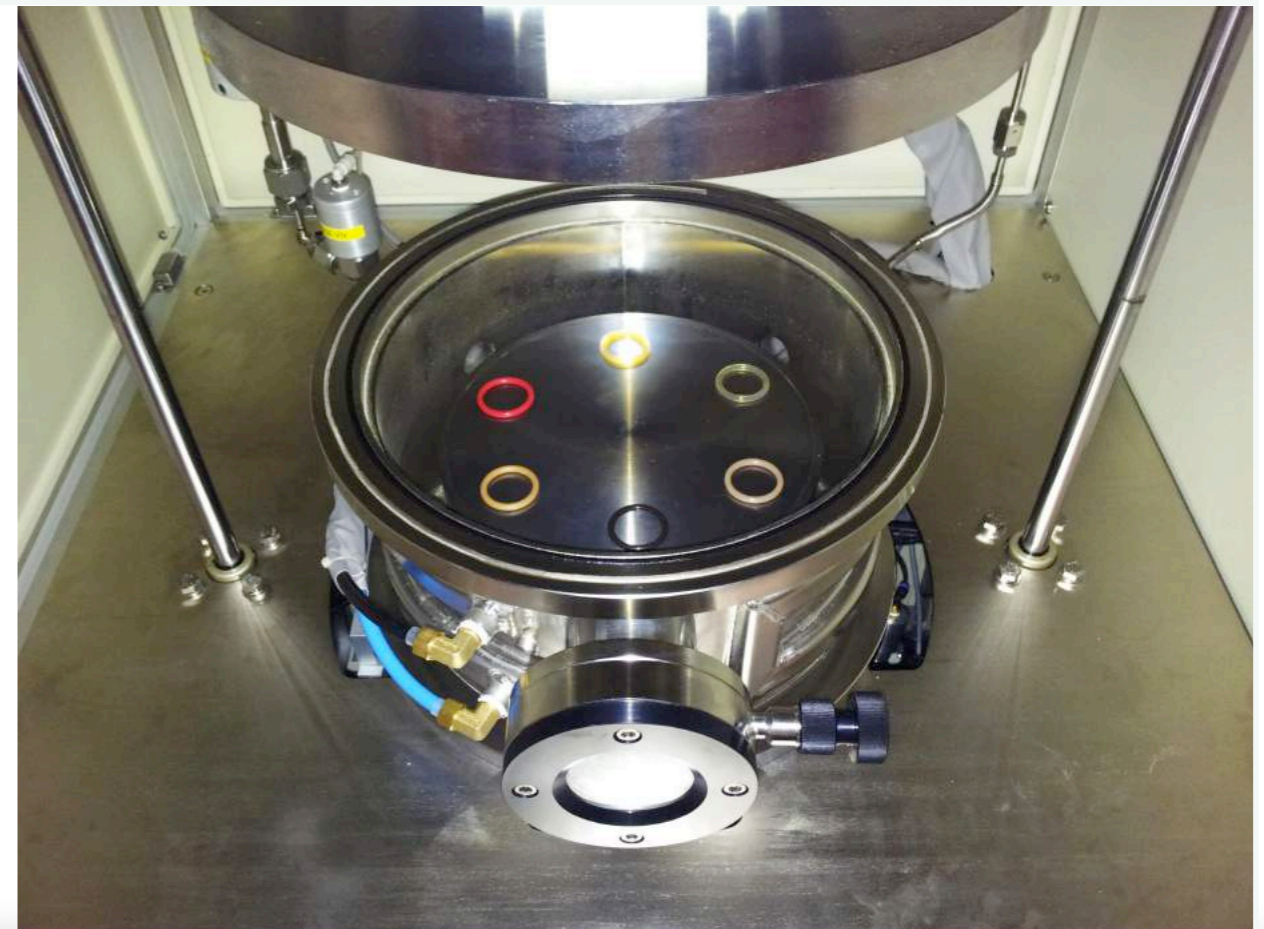
Packaging



Why Seal Tech?

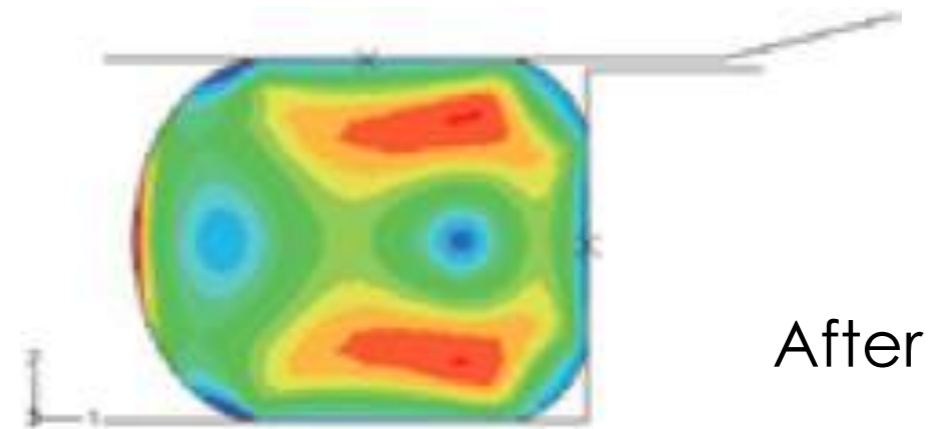
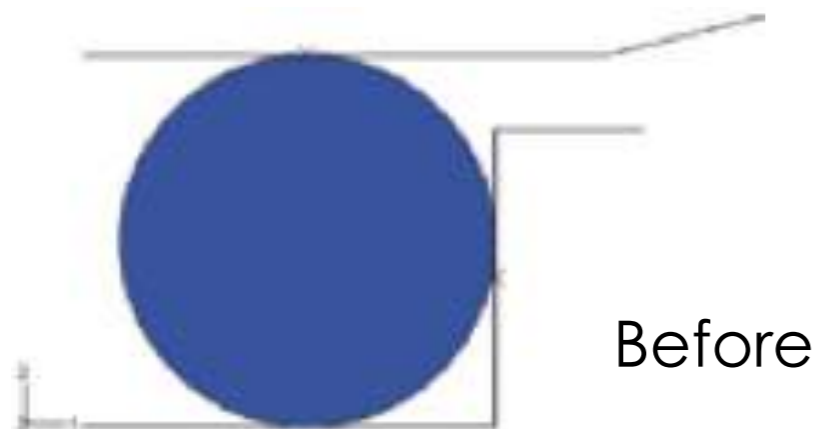
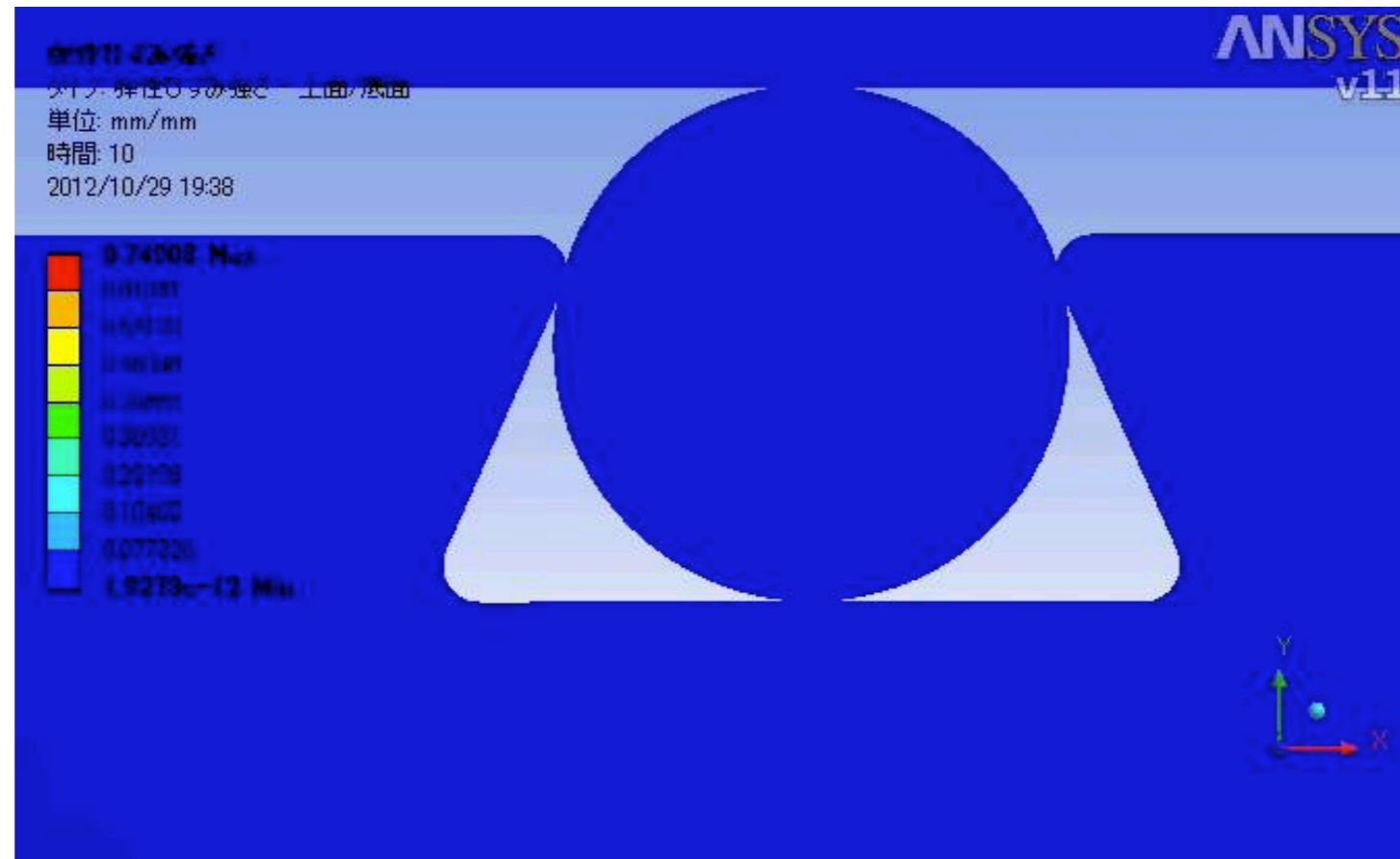


1:1 Comparison of Plasma Resistance in both RF and In-Situ



Why Seal Tech?

FEA Analysis for Different Compound Characteristics



Why Seal Tech?

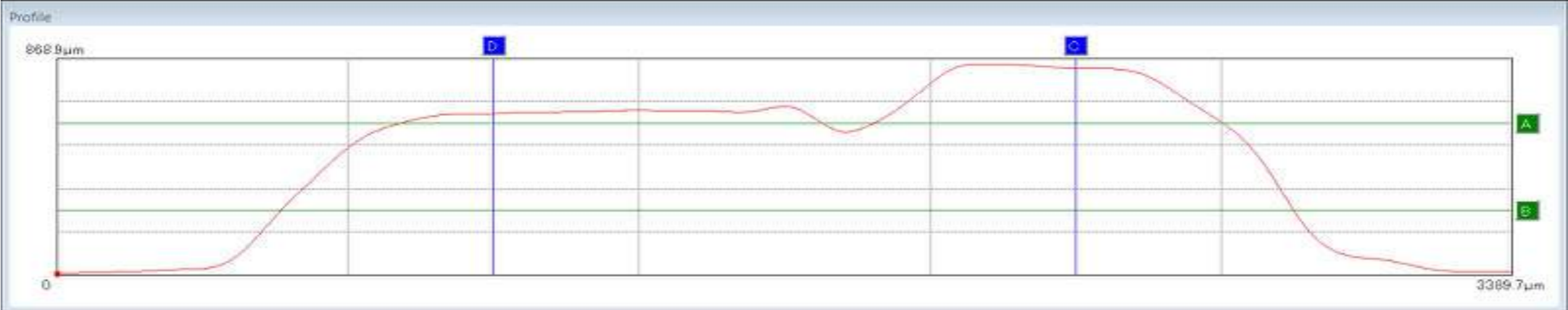
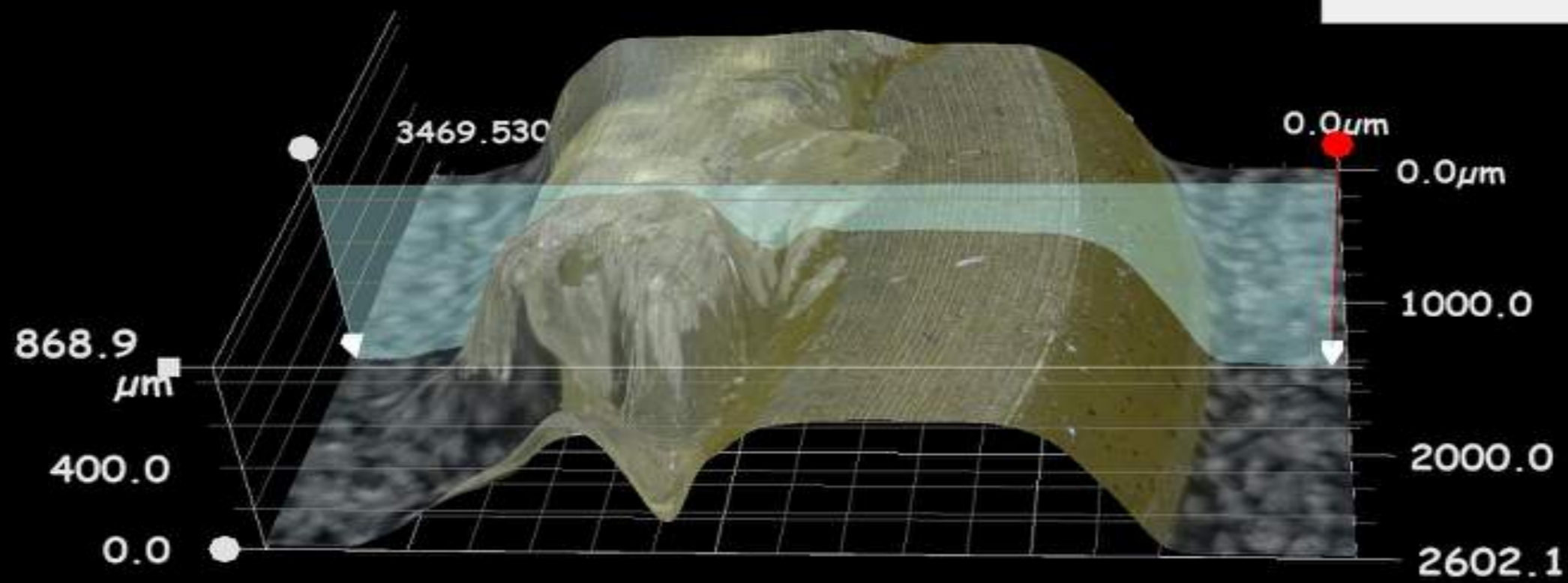
Failure Analysis



Surface Analysis through 3D patterning

Measure	Result
Height[A-B]	347.6 μm
Width [C-D]	1355.9 μm

List >>



4 Major Strategies



Extreme Cost Saving



Faster
On-Time Delivery

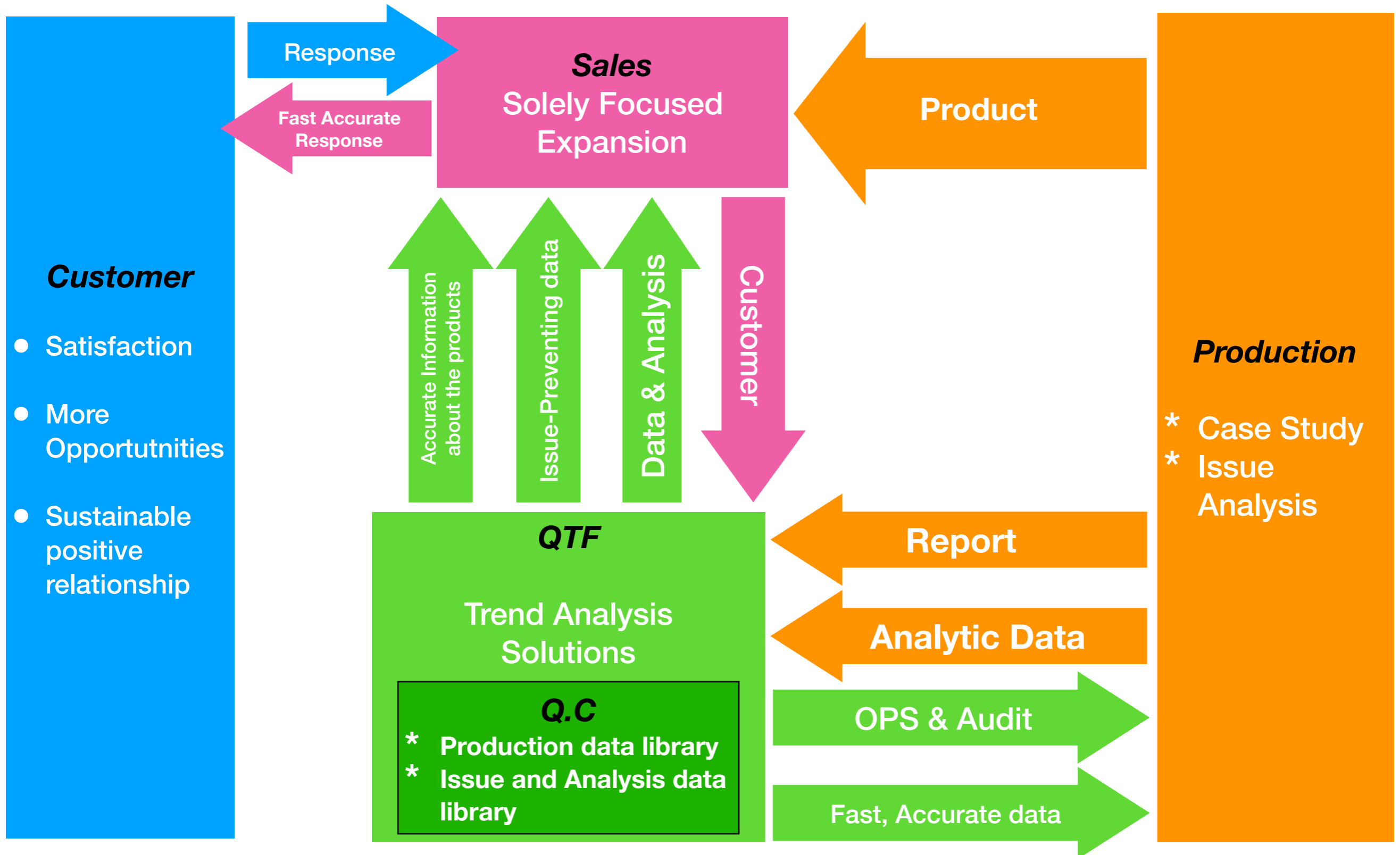


Faster Custom Solution



Better Performance

Seal Tech's Unique Strategy



전략제품 소개



O-ring Seals (FFKM, FKM, FVMQ)
for CVD, Diffusion and Etch Processes



Valve / Door Seals
(FFKM, FKM) for CVD, Metal and
Etch Processes



Key Items



Process	Vendor	Equipment	Product	OEM No.
ETCH	AMAT	MESA	DPS Valve	0190-12804
	LAM	KIYO	Rocker Valve	880069
CVD	AMAT	Producer	MONOVAT Valve	3870-02889
			L-Motion Load Lock Plate	0190-33295
METAL	TEL	Trias	Gate Door	MB3M80-004649-12
			Plate (TM)	MB3M80-004650-11
	AMAT	Endura	Door (Long)	0040-84391
			Door (Short)	0040-84390
IMP	AXCELIS	Optima	VAT021 Valve	314604/54927
			Load Lock Valve	B3S80-00764-11
DIFFUSION	AMAT	Centura	DPN Door	0040-96157



Key Items

Process	Vendor	Equipment	Compound	Annual Usage (USD)
ETCH	AMAT	DPS Mesa	DU 3R1	100,000
	LAM	KIYO	Chemipol 661	500,000
	LAM / TEL	FLEX / VIGUS	DU 341	3 M
CVD	AMAT	Producer	DU 571 DU 341	1.8 M
METAL	TEL	Trias	DU 353 DU 341	800,000
	AMAT	Endura	Chemipol 7170	100,000
DIFFUSION	Hitachi Kokusai	-	DU 353 Rectuz 5373	2 M
	TEL	-		