

# LEADINGedgeforum

## Will Silicon Valley Disrupt Everything?

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## Mainframe

## Mini

## PC

## Mobile

## Internet

<i>IBM</i>	<i>Digital</i>	<i>IBM</i>	<i>Apple</i>	<i>Google</i>
<i>Sperry</i>	<i>IBM</i>	<i>Apple</i>	<i>Google</i>	<i>Amazon</i>
<i>Burroughs</i>	<i>Data General</i>	<i>Intel</i>	<i>RIM</i>	<i>Facebook</i>
<i>Honeywell</i>	<i>Wang</i>	<i>Microsoft</i>	<i>Arm</i>	<i>Twitter</i>
<i>NCR</i>	<i>Prime</i>	<i>Dell</i>	<i>Samsung</i>	<i>eBay</i>
<i>CDC</i>	<i>HP</i>	<i>HP</i>	<i>HTC</i>	<i>Wikipedia</i>
<i>ICL</i>	<i>Sun</i>	<i>Compaq</i>	<i>Motorola</i>	<i>Netflix</i>
<i>Amdahl</i>	<i>Tandem</i>	<i>Seagate</i>	<i>Nokia</i>	<i>Pandora</i>
<i>Siemens</i>	<i>Oracle</i>	<i>Sony</i>	<i>Ericsson</i>	<i>Kickstarter</i>
<i>Fujitsu</i>	<i>Honeywell</i>	<i>Toshiba</i>	<i>Huawei</i>	<i>Lending Club</i>
<i>Hitachi</i>	<i>Olivetti</i>	<i>Amstrad</i>	<i>Sony</i>	<i>Airbnb</i>
<i>Cray</i>	<i>NEC</i>	<i>Lenovo</i>	<i>LG</i>	<i>Uber</i>

 HQ in Silicon Valley

## *Technology Disruptions*

- Cloud, SaaS
- Mobility/Apps
- Social Media
- New Interfaces
- Big Data
- IoT, Wearables
- Open Source/DevOps



## *Industry Disruptions*

- Mfg – 3DP, Robots, Food
- Health Care – Retailization
- Transport – Cars, Avionics
- Retail – Same Day Delivery
- Banks – Kickstarter, Bitcoin
- Education – MOOCs
- Insurance?

***Dis-intermediation, Peer-to-Peer, Aggregation, Commoditization, Standardization, Re-invention ...***

<i>Security/ Regulatory Requirements</i>	High	<b>Little Disruption</b> <ul style="list-style-type: none"><li>• Defense</li><li>• Aerospace</li><li>• Energy</li></ul>	<b>Potential Disruption</b> <ul style="list-style-type: none"><li>• Banking</li><li>• Insurance</li><li>• Professional services</li></ul>
	Low	<b>Significant Disruption</b> <ul style="list-style-type: none"><li>• Retail, distribution</li><li>• Electronics, Japan Inc.</li><li>• Taxis, hotels</li></ul>	<b>Highly Disrupted</b> <ul style="list-style-type: none"><li>• Music, books, film, TV</li><li>• Software/publishing</li><li>• Education/learning</li></ul>
		Atoms	Bits
		<i>Product Offerings</i>	

*Laws/  
Regulations*

*Vested  
Interests*

*Licensing/  
Credentials*

*Chicken/Egg  
Dilemmas*

*Unions/  
Labor Laws*

*Monopoly/  
Antitrust*

*Privacy/  
Permissions*

*Customer  
Inertia*

*Tariffs/  
Protectionism*

*Lack of  
Cooperation*



*Lack of  
Standards*

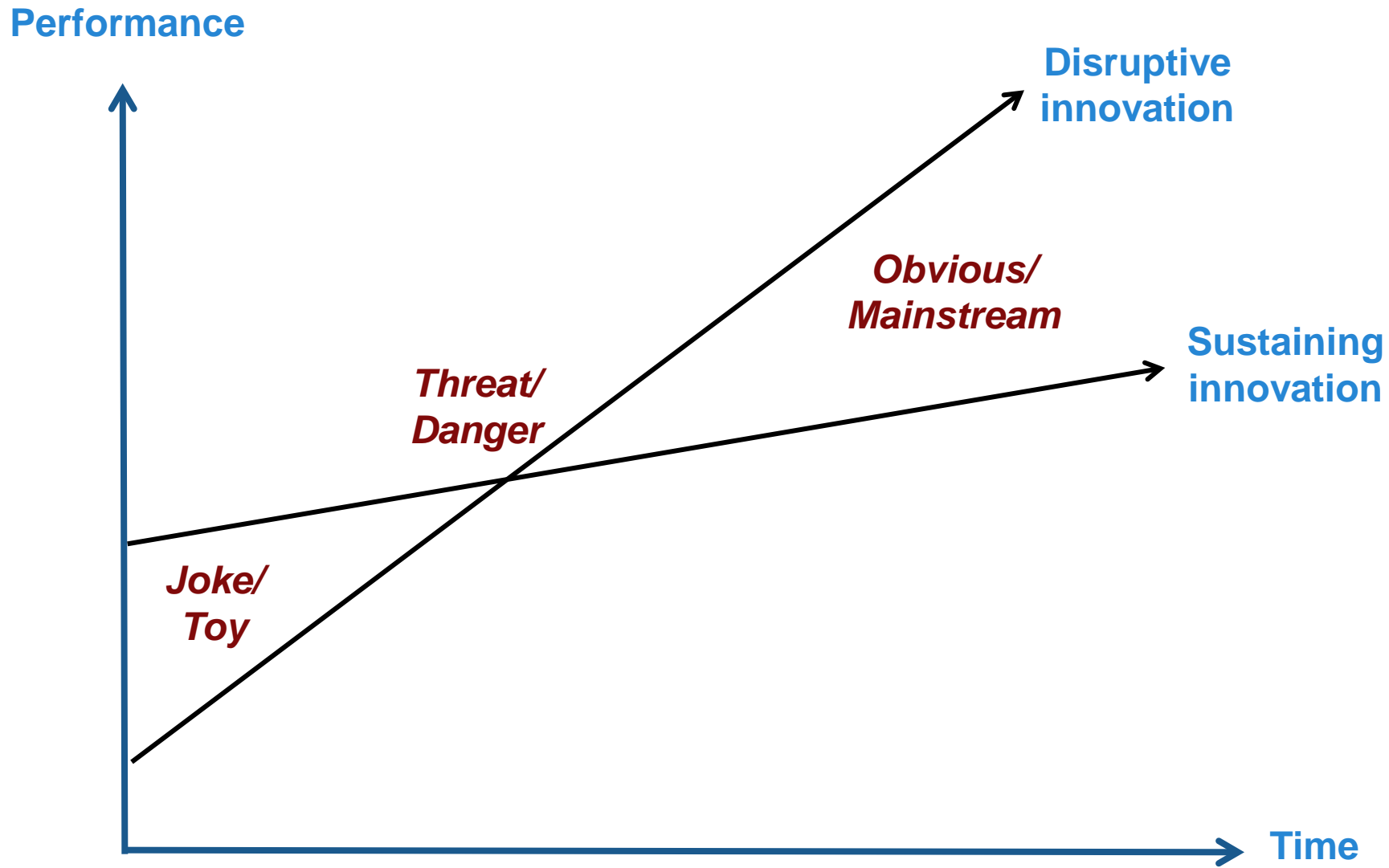
*Patents/  
Copyrights*

*Global  
Differences*

*Liability/  
Insurance*

*Technology  
Immaturity*

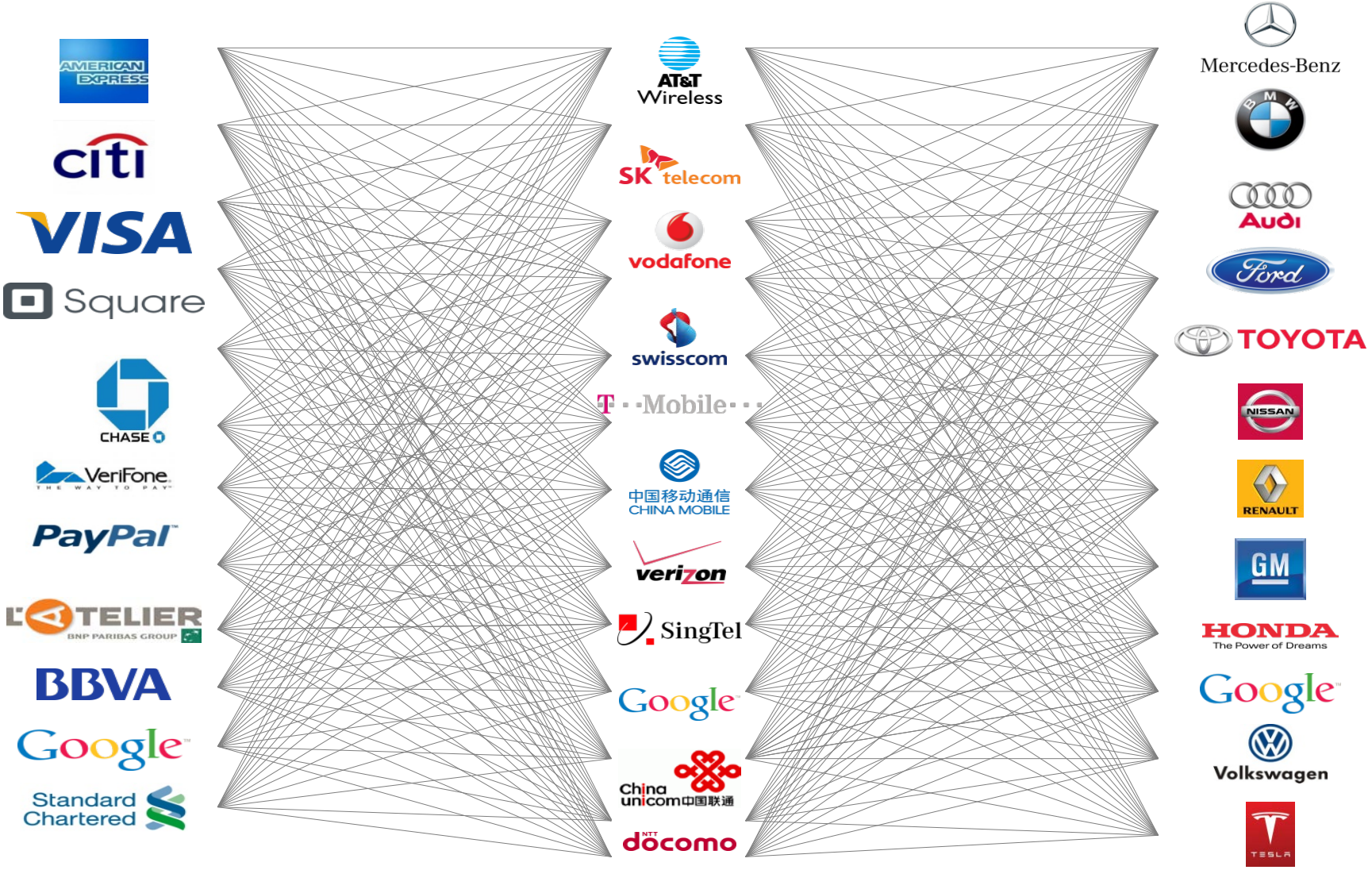
*Risk/  
Uncertainty*



*Boe Evans, Gene Amdahl, Ross Perot, Seymour Cray, Ted Codd, Gordon Moore, Robert Noyce, Andy Grove, Ted Hoff, Vint Cerf, Ken Olsen, Gordon Bell, An Wang, Larry Ellison, Hasso Plattner, Ray Kurzweill, Bob Metcalfe, Bill Joy, Steve Wozniak, Steve Jobs, Dan Bricklin, Don Estridge, Bill Gates, Mitch Kapor, Al Shugart, Rod Canion, Ray Noorda, Michael Dell, Scott Cook, Ray Ozzie, Leonard Bosack, Tim Berners-Lee, Linus Torvalds, Tom Siebel, Marc Andreessen, Steve Case, Mike Lazaridis, Jeff Bezos, Shawn Fanning, Pierre Omidyar, Larry Page, Sergey Brin, Marc Benioff, and Elon Musk, Janus Friis, Jimmy Wales, Reid Hastings, Mark Zuckerberg, Reid Hoffman, Jack Dorsey.*

- *78% US Born*
- *90% US Educated*
- *78% College Grads*
- *46% Advanced Degree*
- *76% Firm Founder*
- *58% Worked in California*
- *Avg Age, Founder/Inventor – 32*
- *All Men*

# Silicon Valley is where ideas “cross-pollinate”





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Thank You!

