

# **TRIAL EXHIBIT**

## **A-1204**

## Stanzaming - timeline

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1 Date/Time	Event	Link													
2 October 2015	The vulnerability CVE-2019-3568 was introduced into the VOIP codebase	<a href="#">Code commit</a>													
3 Mid-2016	NSO may have become aware of this vulnerability	"We have reason to believe NSO has had this bug for 3 years." @Drew													
4 Early 2017	The initial code of init_bwe (infoleak primitive) is introduced in the codebase	"If the exploit we found is the one which was there for 3 years, we may have another info leak code other than bwe probing? The initial code of init_bwe looks around early 2017." (c) Xi Deng													
5 09/03/2018 - 05:34 PDT	Internal security review finding of ability to inject voip settings.	T33535414													
6 9/6/2018	First evidence of possible voip manipulation and debugging (blocked by this point). The blocked traffic experiments with the connecting_tone_desc buffer by placing a dummy string there. In the Stanzaming incident this same buffer was used to carry the Bash script	suspicious_stanza_summary.xls (Otto provided)													
7 9/7/2018 13:12	Someone experimenting with a relay latency client-side overflow (another vulnerability that we had found, server is blocking it by this point)	suspicious_stanza_summary.xls (Otto provided)													
8 10/04/2018 - 10:34 PDT	Began work to validate all call stanzas	T34775320													
9 11/16/2018	A whitehat researcher reported a vulnerability in chatd: group_update message can be used to inject voip settings														
10 12/4/2018	Logging + blocking of group_update messages was implemented	T37576393													
11 12/5/2018 - 3:20 PDT (?)	Suspicious group_update message sent from client with a non-standard 'dontuploadfieldstat' element to what looks like real users/possible victims. <b>This activity would be more consistent with actual exploitation. Traffic contains the early_rtt_computation and init_bwe flags</b> , so could be an earlier version of the same exploit that is now broken. Relay IP address in M247 Ltd Frankfurt, which is probably not ours?	suspicious_stanza_summary.xls (Otto provided) Original paste from Jesus: P60403946													
12 12/5/2018 - 10:37	Actor observed debugging manually why group_update messages no longer work (we've blocked them).	suspicious_stanza_summary.xls (Otto provided)													
13 12/10/2018 15:58	Actor observed again debugging manually why group_update messages no longer work (we've blocked them).	suspicious_stanza_summary.xls (Otto provided)													
14 12/12/2018 08:01	Actor trying to send (now blocked) group_update messages by varying client version. Non-standard 'dontuploadfield' element present again.	suspicious_stanza_summary.xls (Otto provided)													
15 12/05/2018 - 00:00 PDT	Resolved T33535414 by preventing group_update stanza from being accepted from the client	<a href="https://www.facebook.com/internmc.facebook.com/intern/diff/D13309896/?dest_number=65301787">https://www.facebook.com/internmc.facebook.com/intern/diff/D13309896/?dest_number=65301787</a>													
16 12/18/2018	Oldest registration timestamp for attacker devices found by manual sampling (registration metadata looks different so likely a test device)														
17 1/3/2019	Someone attempted to send group_update messages with the init_bwe and early_rtt_computation settings which we now know is related to this SEV. Blocked by server at this point. Possibly trying to make the exploit not go via our relay servers (relay server IP is in M247-LTD-Madrid netblock)?	P60548978													
18 1/19/2019	ShmooCon presentation by Lookout has the following quote from a nation state: "This is the only inexpensive way to get to the iPhone, except for the [Israeli] solution for 7 million and that's only for WhatsApp. We still need Viber, Skype, Gmail, and so on."	<a href="https://blog.lookout.com/shmoocon-2019">https://blog.lookout.com/shmoocon-2019</a>													
19 1/30/2019	Oldest registration timestamp of Samsung-VMWare device found by manual sampling														
20 February 2019	Ted Reed: "Back in Feb Nicolas Tripper told me he heard rumors of WA exploitation on Android, and thought it was related to UPNP/STUN in the VOIP stack." This is not an entirely correct description of the exploit but is pretty close as relays use STUN														
21 2/19/2019	Someone still trying to send group_update message with only an <aaa> tag in it	P60971021													



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22 3/13/2019	More experiments with relay latency overflow (an unrelated client-side vulnerability, blocked by server and client-side patches)	P61694964, P61695207, P61695107													
23 mid-March 2019	<b>Intel reports demonstration of 0-click Whatsapp 0day with post-exploitation capability (latest iPhone XS, latest iOS)</b>	Community Threat Intel (t43510580)													
24 3/18/2019	<b>First evidence of build_stun_req crash, a side effect of an unreliable exploit, starting to spike</b>	<a href="https://our.internmc.facebook.com/intern/px/p/xV0R/">https://our.internmc.facebook.com/intern/px/p/xV0R/</a>													
25 04/24/2019 - 00:00 PDT	Stanza validation begins to roll out (ODS counters are deployed for failures)	<a href="https://fburl.com/ods/0ehyw6cy">https://fburl.com/ods/0ehyw6cy</a>													
26 04/29/2019 - 17:38:30 PDT	First malicious stanza sent by Actor	<a href="https://phabricator.internmc.facebook.com/P64594386">https://phabricator.internmc.facebook.com/P64594386</a>													
27 05/02/2019 - 16:45 PDT	Investigation starts: incident escalated to ProdSec, CERT/IR, Corp Threat Intel (Malware analysis)														
28 May 5, 2019 13:03:00 PDT	From the victim logs was found a link to RTCP packets sent via edgeray and the buffer overflow vulnerability, hypothesized root cause, is discovered, and a fix is put up for review	S180113 - even timeline													
29 May 6, 2019 18:00:00 PDT	Start of logging packets in edgeray to confirm the root cause and scope the exposure. The WhatsApp team and Security teams are coordinating daily	S180113 - even timeline													
30 May 6, 2019 20:00:00 PDT	Both server and client fixes were prepared upfront and ready to deploy, while investigation continues	S180113 - even timeline													
31 May 7, 2019 20:00:00 PDT	Edgeray logging moved to Scribe/Hive	S180113 - even timeline													
32 May 8, 2019 18:00:00 PDT	Validation for stanzas is pushed but behind a gate. More fixes for the client VoIP stack are out for review	S180113 - even timeline													
33 May 9, 2019 18:00:00 PDT	Chat log moving to Scuba, having ability to correlate the two sources of logs. Edgeray fix to drop large RTCP packets is pushed but behind a gate	S180113 - even timeline													
34 05/09/2019 - 22:08 PDT	We unsuccessfully attempted to fetch the payload from c2 nodes, possibly tipping off the attacker	"Realize its getting later here, but just wanted to update that my attempts to pull stage two failed" (c) Drew <a href="https://fb.workplace.com/chat/v2454503014568922?mid=mid%24gAAi4W4Rlk9pw0WloRVqnCQfmi3ZI">https://fb.workplace.com/chat/v2454503014568922?mid=mid%24gAAi4W4Rlk9pw0WloRVqnCQfmi3ZI</a>													
35 2019-05-10 04:50:12	Edgeray packets containing strings with youtube links are sent, likely by attackers	One edgeray cleartext packet contained... S178165 mitigation monitoring - Saturday/Sunday													
36 May 16, 2019 14:45:00 PDT	Investigation group confirmed that all observed attacks relied on the same root cause	S180113 - even timeline													
37 May 16, 2019 15:00:00 PDT	Remediation started: server fix in edgeray to drop large RTCP packets is enabled	S180113 - even timeline													
38 2019-05-10 17:00 PDT	Server fix in edgeray to drop large RTCP packets is deployed to 100%														
39 May 13, 2019 08:00:00 PDT	Over the weekend investigation group monitored the logs and confirmed the remediation was effective	S178165 mitigation monitoring - Saturday/Sunday													
40 May 13, 2019 09:00:00 PDT	Android and iPhone releases containing the fixes are prepared and on Monday morning they are available on app stores	S180113 - even timeline													
41 May 13, 2019 14:00:00 PDT	Second server fix to perform stanza validation is enabled	S180113 - even timeline													
42 May 13, 2019 15:20:00 PDT	CVE is made public	<a href="https://www.facebook.com/security/advisories/cve-2019-3568">https://www.facebook.com/security/advisories/cve-2019-3568</a>													
43 May 13, 2019 15:30:00 PDT	FT article describing the attack goes out	<a href="https://www.ft.com/content/4dal111e-756c-11e9-be7d-6d846537acab">https://www.ft.com/content/4dal111e-756c-11e9-be7d-6d846537acab</a>													
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Ex. A-1204-002

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2	04/24/2019 - 21:00 PST Beginning of wa.all: voip_validation enc_rekey false logs														
3	04/24/2019 - 19:00 PST Beginning of wa.all: voip_validation offer false logs														
4	04/29/2019 - 09:00 PST Beginning of wa.all: voip_validation accept false logs														
5	05/05/2019 - 10:00 PST Beginning of wa.all: voip_validation offer_in_progress false logs														
6	05/05/2019 - 16:00 PST Beginning of wa.all: voip_validation video_in_progress false logs														
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	Contact_Support														

## Conversation History

Chris Steipp opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shrinath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarella, Kathleen Dawson, Joaquin Moreno Garjio, Amol Godbole, Hadar Yu dovich, Kalkidan Aberra, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahrlinger, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kinmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shami Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudio Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 29, 2021 at 4:28 am

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Michael Scott opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shrinath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarella, Kathleen Dawson, Joaquin Moreno Garjio, Amol Godbole, Hadar Yu dovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahrlinger, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kinmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Saish Gersappa,

Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrew Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 27, 2021 at 5:01 pm

Daniel Sommermann edited Sep 27, 2021 at 2:16 pm

**Daniel Sommermann** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garjo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pellerier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragna Misra Mehrishi, Leah Perry, Brian Lewis, Julia Gluelein, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huising, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Doniko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Caripito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrew Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 27, 2021 at 2:16 pm

Cortney Padua added you to a document Sep 24, 2021 at 10:15 pm

Cortney Padua added Chris Steipp and Daniel Sommermann to the thread Sep 24, 2021 at 10:20 pm

Cortney Padua added you to a document Sep 24, 2021 at 10:15 pm

**Chris Rohlf** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garjo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pellerier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragna Misra Mehrishi, Leah Perry, Brian Lewis, Julia Gluelein, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huising, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Doniko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Caripito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrew Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 24, 2021 at 8:08 pm

Michael Chmelar added Chris Rohlf to the thread Sep 24, 2021 at 8:12 pm

Michael Chmelar added you to a document Sep 24, 2021 at 8:07 pm

**Michael Chmelar** opened your conversation with Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garjo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pellerier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragna Misra Mehrishi, Leah Perry, Brian Lewis, Julia Gluelein, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huising, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Doniko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Caripito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrew Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 24, 2021 at 8:06 pm

**Tiana Demas** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garjo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pellerier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragna Misra Mehrishi, Leah Perry, Brian Lewis, Julia Gluelein, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huising, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Doniko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Caripito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa.

Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Hertler, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egonova Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 22, 2021 at 4:11 pm

**Nicholas Seng** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Gario, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahrlinger, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niambi Sweeney, Pete Huitzing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Hertler, Blair Roemer, Matthew Watkins, Andrey Labunets, Joshua Smith (Legal), Egonova Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 22, 2021 at 4:04 pm

**Erika Bruning** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Gario, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahrlinger, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niambi Sweeney, Pete Huitzing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Hertler, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egonova Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Dec 7, 2020 at 6:04 pm

**Brady Freeman** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Gario, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahrlinger, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niambi Sweeney, Pete Huitzing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Hertler, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egonova Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Nov 5, 2020 at 6:04 pm

**Mark Hammell** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Gario, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahrlinger, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niambi Sweeney, Pete Huitzing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Hertler, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egonova Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Oct 23, 2020 at 7:57 pm

**Egonova Ferati** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Gario, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahrlinger, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niambi Sweeney, Pete Huitzing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Hertler, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egonova Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 28, 2020 at 9:07 pm

**Drew Robinson** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Gario, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahrlinger, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niambi Sweeney, Pete

Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Nov 7, 2019 at 1:58 am

Jessica Romero edited Sep 21, 2019 at 4:48 am

**Jessica Romero** opened your conversation with Michael Chmeler, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalez F Gallego, Zachary Priddy, Clara Ilyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Henry, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asi More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 21, 2019 at 4:46 am

**Chris Puntarelli** opened your conversation with Michael Chmeler, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalez F Gallego, Zachary Priddy, Clara Ilyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Henry, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asi More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 21, 2019 at 3:51 am

**Tyler Smith** opened your conversation with Michael Chmeler, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalez F Gallego, Zachary Priddy, Clara Ilyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Henry, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asi More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Sep 21, 2019 at 3:57 pm

**Andy Richardson** opened your conversation with Michael Chmeler, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalez F Gallego, Zachary Priddy, Clara Ilyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Henry, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asi More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Jul 18, 2019 at 5:21 pm

Andrey Labunets edited Jul 15, 2019 at 9:22 pm

**Edward George** opened your conversation with Michael Chmeler, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalez F Gallego, Zachary Priddy, Clara Ilyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Henry, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asi More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Jul 2, 2019 at 6:22 pm

**Vassi Iiadic** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandy, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Alekscic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrew Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Jun 30, 2019 at 5:06 pm

**Saish Gersappa** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iiadic, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandy, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Alekscic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrew Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Jun 28, 2019 at 11:28 pm

**Asmaa Awad-Farid** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iiadic, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandy, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Alekscic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrew Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang on a phone Jun 20, 2019 at 6:15 am

**Daniel Ebbutt** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iiadic, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandy, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Alekscic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrew Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Jun 18, 2019 at 8:24 pm

Otto Ebeling edited Jun 18, 2019 at 8:15 pm

Otto Ebeling edited Jun 18, 2019 at 2:08 pm

**Stephanie Yonekura** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iiadic, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandy, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Alekscic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrew Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Jun 17, 2019 at 9:29 pm

Otto Ebeling edited Jun 12, 2019 at 3:17 pm

**Nathan Salminen** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudivich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhateria, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmith, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang. Jun 9, 2019 at 3:55 pm

Andrey Labunets edited Jun 9, 2019 at 3:55 pm

**Michael Kearney** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudivich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhateria, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmith, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang. Jun 9, 2019 at 2:48 pm

Andrey Labunets edited Jun 9, 2019 at 3:16 am

Andrey Labunets edited Jun 9, 2019 at 12:30 am

**Paul Otto** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudivich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhateria, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmith, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang on a phone. Jun 7, 2019 at 9:50 am

**Deen Kaplan** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudivich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhateria, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmith, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang on a phone. Jun 7, 2019 at 6:33 am

**Ciara Brannigan** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudivich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhateria, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmith, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang. Jun 7, 2019 at 6:19 am

Gonzalo F Gallego opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassil Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earle, Samiksha Gupta, Siddharth Deshpande, Elly Bangaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garjo, Amol Godbole, Hadar Yudovitch, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Lewand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Ward Salleum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huisling, Kevin O'Sullivan, Despina Papageorge, Harry Kimmons, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnir, Janal Syed, Clair Deery, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Carapito, Ciara Brannigan, Richard Wanell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Fairid, Alyssa Cervantes, Stefan Aleksic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Ergona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang on a tablet, Jun 7, 2019 at 6:04 am

Tiana Demas Jun 7, 2019 at 1:35 am

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Ex. A-1204-010

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Ex. A-1204-011

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Claudiu Gheorghe opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelleter-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Conney Padua, Jim Hung, Stephen Henry, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghaneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurflinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahrringer, Diego Spinola, Tushar Bhatia, Erik Weber, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asi More, Niamh Sweeney, Pete Huisings, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigar, Richard Wartell, Ashlie

Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Hertter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankh Das, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang Jun 3, 2019 at 3:59 pm

**Doc Domko** Jun 3, 2019 at 3:50 pm

Graph link is in cell C21 (to the right of this comment)

**Doc Domko** Jun 3, 2019 at 3:50 pm

Andrey Labunets Jesus posted a link to an ODS graph on 9 May. These are the first datapoints from the graph for each field. <https://fb.workplace.com/chat...>

**Andrey Labunets** Jun 2, 2019 at 6:17 pm

Doc Domko, where did you get this info and how?

**Andrey Labunets** edited Jun 2, 2019 at 6:16 pm

**Otto Ebeling** edited May 29, 2019 at 3:06 pm

Ke Wang opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Sandeep Solanki (Legal), Brian Hannan, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara lyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehraishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witring, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbacher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kinmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Hertter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankh Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 28, 2019 at 7:08 pm

**Andrey Labunets** May 28, 2019 at 5:36 pm

TODO: I don't know yet what this exactly means, need to revise the start of the logs in this timeline

**Andrey Labunets** edited May 28, 2019 at 5:36 pm

**Andrey Labunets** edited May 23, 2019 at 10:07 pm

**Andrey Labunets** May 23, 2019 at 4:28 am

Corp threat intel, why are so succinct

**Andrey Labunets** May 23, 2019 at 4:26 am

Drew is PoC, asking him is a todo

**Andrey Labunets** May 23, 2019 at 4:21 am

Right, we have, just will reference later

Andrey Labunets edited May 23, 2019 at 4:29 pm

**Tiana Demas** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivanth Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Ivere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kinmonth, Doe Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landes-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 27, 2019 at 4:28 pm

**Ibrahim Mohamed** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivanth Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Ivere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kinmonth, Doe Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landes-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang on a phone May 19, 2019 at 3:39 pm

**Brian Damp** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivanth Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Ivere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kinmonth, Doe Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landes-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 17, 2019 at 6:26 pm

**YuanYuan Wang** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivanth Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Ivere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kinmonth, Doe Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landes-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 17, 2019 at 5:43 pm

Andrey Labunets May 17, 2019 at 5:41 pm

I think what happened is that WA engineers brought devices to our forensics lab. I also don't think this is a thing to mention in the timeline, but I'll later look into that

Erik Waher May 17, 2019 at 5:38 pm

The exact times are important here - do we have them

Erik Waher May 17, 2019 at 5:37 pm

This should be an absolute time cmd or cited as a reference cmd for examples of the log. Its unclear what it means right now in the context of the timeline.

Erik Waher May 17, 2019 at 5:36 pm

Please reference what edgeray is and why its relevant to this timeline

Erik Waher May 17, 2019 at 5:36 pm

Can we cite the pattern observed?

Erik Waher May 17, 2019 at 5:35 pm

Please provide more context what this means

Erik Waher May 17, 2019 at 5:35 pm

Please provide more context what this means

Erik Waher May 17, 2019 at 5:34 pm

Added clarification here. Please confirm accurate statement.

Erik Waher May 17, 2019 at 5:33 pm

Superfluous to a timeline. Either its evidence, or its not. Suggest removing this line

Erik Waher May 17, 2019 at 5:33 pm

Andrey Labunets can you reconcile these two statements (YuanYuan & Otto)

Erik Waher May 17, 2019 at 5:30 pm

Since this is a WA log I assume its PDT and marked as so

Erik Waher May 17, 2019 at 5:28 pm

No hard evidence we can cite here?

Erik Waher May 17, 2019 at 5:26 pm

Unclear who produced this report (whatsapp or a report about whatsapp)

Erik Waher May 17, 2019 at 5:23 pm

Without hard evidence, I think we should say "NSO may have become aware of this vulnerability" instead of an absolute 'they are aware'

Erik Waher edited May 17, 2019 at 5:38 pm

Erik Waher opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCheskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joquin Moreno Garijo, Amol Godbole, Hadar Yudovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch.

Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Ivere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Hannon, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huising, Kevin O'Sullivan, Despina Papageorge, Harry Kinnmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schmar, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wanell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Alekic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 17, 2019 at 3:21 pm

Andrey Labunets edited May 16, 2019 at 5:00 am

Otto Ebeling edited May 16, 2019 at 4:57 am

Otto Ebeling May 16, 2019 at 4:51 am

This is wrong - I haven't executed any stages nor provided any devices.

Andrey Labunets May 16, 2019 at 4:44 am

TODO (for myself): adjust all times from London time to PDT as needed

**Bridget Pelletier-Ross** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aofie McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Ivere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huising, Kevin O'Sullivan, Despina Papageorge, Harry Kinnmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schmar, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wanell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Alekic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 16, 2019 at 4:41 am

Andrey Labunets edited May 16, 2019 at 4:49 am

Otto Ebeling edited May 16, 2019 at 4:51 am

**Otto Ebeling** opened your conversation with Michael Chmelar, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aofie McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Ivere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huising, Kevin O'Sullivan, Despina Papageorge, Harry Kinnmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schmar, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wanell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Alekic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 16, 2019 at 4:28 am

**Brendon Tisza** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aofie McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Ivere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huising, Kevin O'Sullivan, Despina Papageorge, Harry Kinnmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schmar, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wanell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Alekic, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 15, 2019 at 2:28 am

Cortney Padua edited May 15, 2019 at 1:23 am

Andrey Labunets edited May 15, 2019 at 12:35 am

Andrey Labunets edited May 14, 2019 at 9:45 pm

Elizabeth Schweinsberg edited May 11, 2019 at 6:44 pm

**Xi Deng** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abi John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pellerier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Glumein, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Brantl, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Beneckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Joyce Li and Hsin-Hsin Yang May 11, 2019 at 4:35 pm

**Jim O'Leary** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abi John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pellerier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Glumein, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Brantl, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Beneckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 10, 2019 at 10:37 pm

**Amol Godbole** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abi John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pellerier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Glumein, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Brantl, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Beneckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egxona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 10, 2019 at 10:36 pm

Amol Godbole added Jim O'Leary to the thread May 10, 2019 at 10:43 pm

Amol Godbole added you to a document May 10, 2019 at 10:36 pm

Elizabeth Schweinsberg moved the document to the folder S178165 May 10, 2019 at 3:54 pm

**Elizabeth Schweinsberg** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yudovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abi John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pellerier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Glumein, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Brantl, Ashish Chandra, Melanie Rich-Witting, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Huitsing, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hadley, Anna Beneckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguia, Yannick Carapito, Ciara Brannigan, Richard Warrell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herten, Blair Roemer, Matthew Watkins,

Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Evgona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudio Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 10, 2019 at 3:53 pm

**Gregory Heimbuecher** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shrinath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Wittrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Hunting, Kevin O'Sullivan, Despina Papageorge, Harry Kimminoth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schmitz, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shami Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Evgona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudio Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang on a phone May 9, 2019 at 6:19 am

**Taishi Nojima** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shrinath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Wittrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Hunting, Kevin O'Sullivan, Despina Papageorge, Harry Kimminoth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schmitz, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shami Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Evgona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudio Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 7, 2019 at 5:33 pm

**Hasan Eray Dogan** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shrinath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Wittrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Hunting, Kevin O'Sullivan, Despina Papageorge, Harry Kimminoth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schmitz, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shami Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Evgona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudio Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang May 7, 2019 at 11:29 am

**Tushar Bhatia** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shrinath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Wittrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Hunting, Kevin O'Sullivan, Despina Papageorge, Harry Kimminoth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schmitz, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shami Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Evgona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudio Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang on a phone May 7, 2019 at 6:12 am

**Cortney Padua** opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shrinath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earlie, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Aberra, Jess Hertz, Andrea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rohlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyer, Damian Yeo, Cortney Padua, Jim Hung, Stephen Heavy, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Wittrig, Wael Salloum, Jason Kick, Amanda Ahringer, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Hunting, Kevin O'Sullivan, Despina Papageorge, Harry Kimminoth, Doc Domko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schmitz, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Brannigan, Richard Wartell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shami Zafary, Paul Otto, Nicholas Seng, Brendon Tisza, Stephanie Yonekura, Chris Steipp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Evgona Ferati, Chris Reid, Ryan Potthoff, Anhki Das, Claudio Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kaitlyn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang on a phone May 7, 2019 at 12:49 pm

Doc Domko edited May 6, 2019 at 11:14 pm

Andrey Labunets edited May 6, 2019 at 10:53 pm

Ex. A-1204-019

Andrey Labunets renamed Untitled to Stanzanning - timeline May 6, 2019 at 10:59 pm

Chris Reid opened your conversation with Michael Chmelar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Cathy Lee, Paul Grewal, Shivnath Thukral, Brian Hennessy, Vassi Iliadis, Ramon Alberto dos Santos, Kathryn McDermott, Aoife McCluskey, Giacomo Milani, Tina Hwang, Deen Kaplan, Tiana Demas, Jordan Hansen, Daniel Ebbutt, Molly Cutler, Michael Scott, Tiana Demas, YuanYuan Wang, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Cat Wong, Maebh Earle, Samikshi Gupta, Siddharth Deshpande, Elly Bangaman, Chris Puntaroli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Haidar Yudovich, Kalkidan Aberra, Jess Hertz, Andreea Kirkpatrick, Tyler Smith, Jess Leinwand, Chris Rehlf, Jessica Romero, Mark Hammell, Abby John, Danny Lungstrom, Gavin Corn, Cory Altheide, Jeremy Apple, Brady Freeman, Bridget Pelletier-Ross, Heather Mack, Tasha Turner, Haley Ohlund, Sophie Malloch, Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Iyere, Damian Yeo, Courtney Padua, Jim Hung, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Ghuneim, Robert Johnson, Abhilash Bose, Drew Robinson, Dan Gurinkel, Max Goncharov, Edward George, Lander Brandt, Ashish Chandra, Melanie Rich-Witting, Wael Sakkoun, Jason Kick, Amanda Ahrlinger, Diego Spinola, Tushar Bhatia, Erik Waher, Gregory Heimbuecher, Lydia Johnston, Brenden Walsh, Anjali Kashyap, Gareth Byrne, Andy Richardson, Jarrod Stuard, Mia Garlick, Asit More, Niamh Sweeney, Pete Hunting, Kevin O'Sullivan, Despina Papageorge, Harry Kimmonth, Doc Domko, Mary-Elizabeth Hidley, Anna Benckert, Adam Landres-Schnur, Jamal Syed, Clair Deevy, Rebecca Murtha, Kim Waite, Christian Murguin, Yannick Carapito, Ciara Brannigan, Richard Wardell, Ashlie Beringer, Saish Gersappa, Cameron Bunt, Hasan Eray Dogan, Shani Zafary, Paul Otto, Nicholas Seng, Brendon Tiszka, Stephanie Yonekura, Chris Stepp, Asmaa Awad-Farid, Alyssa Cervantes, Stefan Aleksić, Nazneen Mehta, Daniel Markman, Eduardo Ustaran, Andrew Herter, Blair Roemer, Matthew Watkins, Andrey Labunets, Erika Bruning, Joshua Smith (Legal), Egeoxna Ferati, Ryan Pothoff, Anhki Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kathryn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng, Joyce Li and Hsin-Hsin Yang on a phone May 6, 2019 at 10:53 pm

Andrey Labunets May 6, 2019 at 10:52 pm

Andrey Labunets added you to a document May 6, 2019 at 10:52 pm

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Andrey Labunets opened your conversation with Michael Chmilar, Otto Ebeling, Hershel Eisenberger, Victoria Grand, Ke Wang, Sandeep Solanki (Legal), Brian Hannon, Michael Kearney, Yvonne Cunnane, Elizabeth Schweinsberg, Nathan Salminen, Colin Walsh, Dani Brooks, Anna Vaccari, Manpreet Singh, Chris Sonderby, Susan Cooper, Lisa Cameron, Constantine Pavlis, Brian Damp, Jim O'Leary, Carl Woog, Maebh Earle, Samiksha Gupta, Siddharth Deshpande, Elly Bingaman, Chris Puntarelli, Kathleen Dawson, Joaquin Moreno Garijo, Amol Godbole, Hadar Yuvalovich, Kalkidan Bhairav Acharya, Gonzalo F Gallego, Zachary Priddy, Clara Ivere, Damian Yeo, Cortney Padua, Jim Hong, Stephen Heary, Pragya Misra Mehrishi, Leah Perry, Brian Lewis, Julia Gluelein, Robert Johnson, Abhijit Bose, Drew Robinson, Dan Gurfinkel, Max Goncharov, Edward George, Lander Sweeney, Pete Huisings, Kevin O'Sullivan, Despina Papageorge, Harry Kimmon, Doe Demko, Mary-Elizabeth Hadley, Anna Benckert, Adam Landres-Schnur, Jamil Syed, Clair Deevy, Rebecca Murnlu, Kim Waite, Christian Murgua, Yannick Carapito, Ciara Branigan, Richard Wartell, Ashlie Matthew Watkins, Erika Bruning, Joshua Smith (Legal), Egwona Ferati, Chris Reid, Ryan Potthoff, Ankhi Das, Claudiu Gheorghe, Chris Millikin, Michael McGrew, Robert Johnson, Steve Zenone, Kathryn Kirby, Liam Walsh, Taishi Nojima, Ibrahim Mohamed, Daniel Sommermann, Xi Deng.

Doc Domko added Andrey Labunets to the thread *May 6, 2019 at 9:24 pm*

Doc Domko added you to a document *May 6, 2019 at 9:18 pm*

Doc Domko edited *May 6, 2019 at 10:47 pm*

Doc Domko created the document *May 6, 2019 at 9:14 pm*

