



Division of Information Technology

2020 Fall Update with the President and Provost

K-STATE
2025

KANSAS STATE
UNIVERSITY

Progress/accomplishments

- **Data Center Transition Cloud Operations Transformation** – Substantially complete
 - New Back-up & Recovery Solution implementation
 - ERP Transition to SCI Managed Services
 - AWS Migration Readiness Planning Engagement – complete
 - Virtual Machines (VMs) – reduced the number of machines in the data center
 - Cloud-First – optimizing the use of the cloud for efficiency and reduce costs
 - Identity Management migration
 - Cloud Center of Excellence established
 - Migrated multiple systems, to Native Cloud Databases
- **Upgrade of Critical Systems**
 - Financial Information System (FIS) - completed system upgrade
 - Oracle 12 – completed 12 major system upgrades
 - ImageNow – system upgrade in process

Progress/accomplishments

- **IT Reorganization** – Complete/substantially complete
 - Strategically aligned IT Staff with each of the Deputy CIO areas
 - Designed ‘service-based’ organizational units
 - Hired Director of Application Services in March
 - Hired Senior Director for Data Operations in May
 - Internal search for Director of Security Information Operations Center – in process
 - Search for Senior Director for Cloud Operations – in process
 - Adjusting position descriptions to align with the K-State Cloud Workforce
- **Pandemic Response**

Progress/accomplishments

- **Research Information Security Enclave (RISE)**
 - Developing a Kansas Enclave to provide services and support for other Kansas institutions WSU is first in line - in process
 - Investigating the option to commercialize

Awards

Recipient of the E&I Cloud Leadership Award



Recipient of the [CSO50 award](#)



Pandemic Response

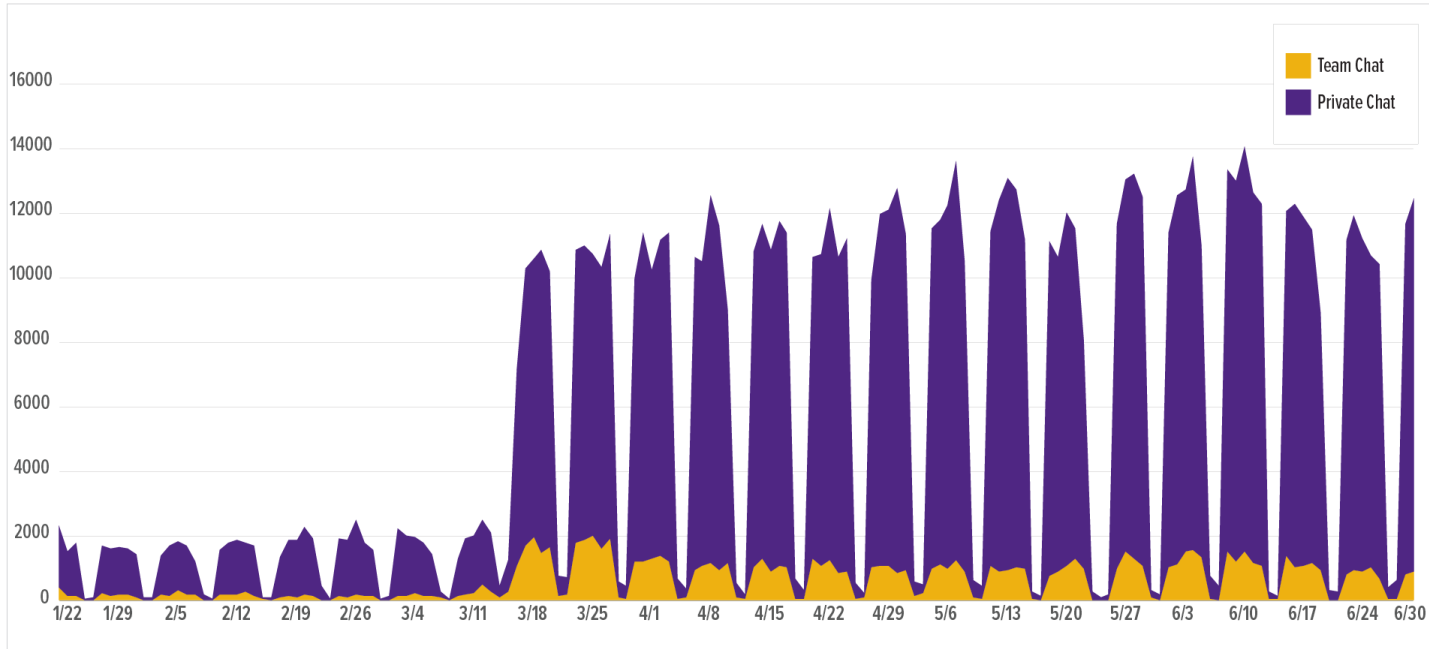
Mediasite Use in 2019 vs. 2020*

	2019	2020	% change
Views	91,679	471,713	+515%
Presentations watched	5765	15,003	+260%
Hours watched	20,418	101,087	+495%
Authors	146	633	+434%
Presentations authored	1,533	9,054	+591%
Content hours authored	1,159	4,249	+367%
Storage consumption (TB)	0.89	8.73	+981%

*Data from March 23 - May 7 in 2019 and 2020

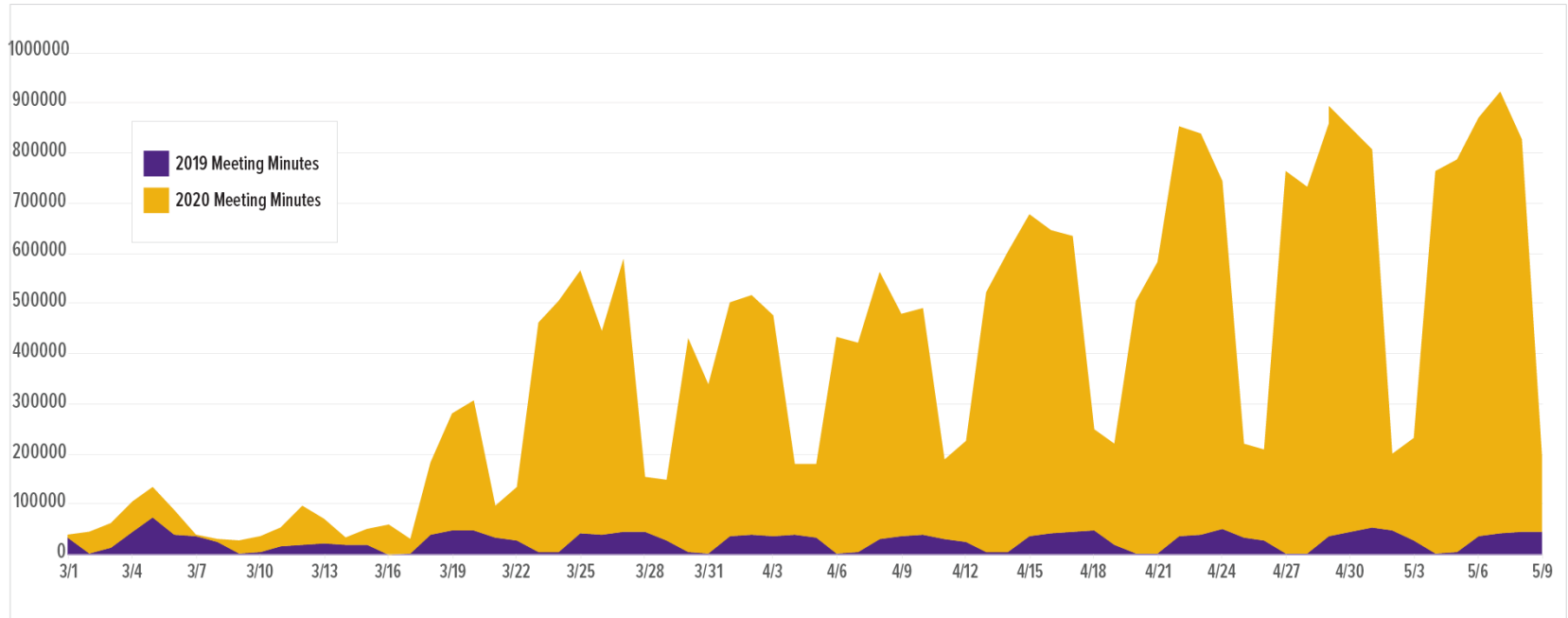
Pandemic Response

Microsoft Teams Chat Use from January- June 2020



Pandemic Response

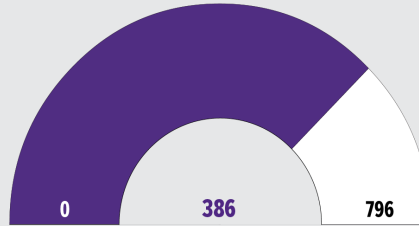
Zoom Meeting Minutes Use in 2019 vs. 2020



Key metrics



1,711,202
Duo Authentications
in 2019



Reduced the number of virtual machines
running in the Data Center



6,407
Employees
completing
Cybersecurity
Awareness Training

Top priorities moving forward

- **Complete the transition of the K-State Data Center**
- **Implement a Data Warehouse & Develop a Structure for BI and Analytics Support**
 - Begin consultant engagement in November
 - Work in partnership with the Associate Provost for Institutional Research
- **In Partnership with the Vice President for Research**
 - Continue to enhance and tune the RISE solution
 - Assist with implementation of DoD CMMC (cybersecurity maturity model certification) within RISE
 - Implement commercialized RISE
 - Develop standard research technology services

Top priorities moving forward *(cont.)*

- **Complete proposal for MHK campus network refresh - researching funding model**
- **Analyze and reengineer technical support services**
- **Map the business capabilities to business unit functions, ERP (technology systems) and, IT services (service evaluation)**
- **Mature the Security Intelligence Operation Center (SIOC)**
- **Workflow management / process automation / business continuity - examples - Provisioning / deprovisioning access, digital signatures, purchasing**
- **Overhaul of IT Policies**

Top priorities moving forward *(cont.)*

- **Redesign Approach to Data Operations**
 - Replace data integration tools
 - Contract with a BI Consultant
 - Implement Data Warehouse/Lake
 - Establish reporting tool standards
- **Relaunch the enterprise architecture practice**
 - Include business with data, application, and technology
- **Organization adaptation**
 - Reengineer for cloud workforce
 - Reengineer application services