**Meeting-20240520\_230829-Meeting Recording**

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 **Kemdjo Wouche, Fabrice Gatien** 0:07  
Alright, just ohh because it might just go search proposal presentation.  
Secure the future cyber security outing for construction industry.  
G Slide highlights the tricky in that where YouTube is making a significant impact in the construction industry, he pulls specifically is up.  
He provides recipe, for example, of how about you cheated, not you are improve efficiency, safety, productivity, emphasizing the transport, you potential technician in driving the industry, don't want the construction 4.4.  
This slide highlights.  
The different elements that has been.  
The different technology that the God that was being bring inside the construction industry regarding the technology like AI, YouTube, you know, VR they and take connected equipment of the transformative impact into the construction industry.  
This technology have been adopted integrating into construction work, so this one highlighted by Rodman Umm this article.  
The cyber security threat in construction industry.  
Also, construction industry increasing adopt the UG technology.  
This expansion also comes with different threats.  
The difference between Duffy in the first proposal?  
I don't want to rise access on data sensitive project data.  
Intellectual property can be our risk potential test of financial information and employee records.  
Marquee and ransomware attack each device ask entry point for malware and improve your child device can provide a infiltration point for malware.  
Ransomware attack can hold or to operation and and lay and lead to substantial to substantial financial loss inside the traits and human error.  
As we know, human error are the weakest link into side into cyber slip into cyber security.  
In addition of malicious action by employee can compromise security lock of cybersecurity are winners and train, as I said, that would be the consequence can be surveyed.  
If this thread occurred.  
The organization can have the financial loss cyber incident.  
Gave result in significant cost for immigration, legal fees, loss of productivity reputation are damage.  
Cyber security breaches can I order for someone?  
Client, partner and public arming the company brand compromise.  
Safety Hock, you should device and system fit individual work safety and comfort from this.  
Highlight the importance of addressing cyber security risk to ensure the successful was successful and safe.  
Implementation of you Chang construction.  
The lack of comprehensive research and strategy druggist unique characteristics, such as dynamic project environment and various stakeholder construction, which is which required tailor approach.  
However, the call the current research landscape relaxed indepth study focusing specifically on construction UG challenge and solution.  
The construction industry for specific cyber security threats predicted UG adoption.  
Existing UG security framework.  
I'm best practical.  
Often generally and do not address the specific meaning in challenge of the construction industry, lack of industry specific guidelines, and stand out in the the development and implementation of effective security strategy in construction industry.  
Also, the scarcity of research focusing on practical risk mitigation strategy or for construction beauty project project for construction project.  
Proactive measures such as secure device provision, secure communication protocol and regular will never beat you.  
And vital, but not adequately explore in the current trade show.  
This was a pilot, but various, also social bigram.  
All my love to you and your team for all.  
This flow chart being stripped, the potential consequence of the current security gap showing how lack of construction specific, which is great.  
You will search can lead Amy inadequate security measure, increase vulnerability.  
Consider trip.  
Which materials result to financial loss?  
Reputational damage and compromise the safety.  
Or such proper research question.  
The research question for our.  
For our project would choose the following question.  
What are the effective strategy to which you get cybersecurity risk in out in YouTube application within the construction industry?  
Our research question focus in that on the dentify effective strategy to mitigate cyber security risk built each application with your console from industry.  
This is critical.  
He's sick critical area of study as an integration of YouTube.  
The construction process in the in the construction process increase increases, bring along potential Service, security, trade.  
Our goal is to understand this first and propose strategic communicate them and shell secure, ensure secure and efficient use of your China construction industry.  
Addressing this, we're just pushing you contrary to all, hence the security and realize of beauty system in the construction industry, facilitating the same successful adoption of your technology in the construction from watching the industry wide awareness and collaboration.  
Packing cyber security challenge.  
Cybersecurity threat and challenge it's recipe to your Chang the construction industry.  
Thomas Access and Data Bridge examine the potential of motorized part Parchy to get access to sensitive construction data, malware and ransomware attack, investigate the vulnerability of construction YouTube system to malware and ransomware attack inside trade and human error.  
Evaluate the risk posed by inside the thread, such as disgruntled employee or owning the unintentional error.  
Technical and organizational challenge indentify the technical challenge insecure construction your team so should device discrepancy error.  
Source constraint access organizational barrier include lack of cybersecurity awareness and training among construction professional.  
Metal methodology.  
Literature you framework analysis in deception of the slide, we review all the we mentioned that we highlights all the key literature review that would be that would be used during our during our project.  
But the list on this slide is not exhaustive.  
We will, we will use more.  
Are you trying to review?  
Solidify and.  
Before Duffy, our project and back up every statement that we're going to make during our drew the project in the every statement.  
In terms of cybersecurity framework are not analysis will be examined.  
The existing cybersecurity framework on the applicability into the construction into the construction and into the construction industry.  
We will examine framework such as the NIST, the easel 27001, the E the eye is [C] 6243.  
Although these men to outlaw, although this framework mainly apply to healthcare, but they are, they are like uh, put regulation into this framework.  
That would be that would use into our project.  
Methodology.  
Literature Review framework analysis and mitigation strategy.  
This research will propose the comprehensive set for mitigation strategy.  
Taylor, do you need security challenge faced by the construction industry?  
The Richard to review section emphasized the focus was that you publish that address.  
Cybersecurity straight challenge on solutions specific to the conflict from your team.  
The highlight killing Churchill you to be reviewed, including recent work.  
But I'll shamari Manta tanga and.  
In terms of framework, we already discussed the mitigation strategy proposal section applied the development of multilayer approach.  
This mitigate she's up, which you layer approach to me to get cyber security risk and construction include proposing technical solution for commenting organization and measure as we just see policy and regulatory intervention.  
She finds in terms of key findings, would the key finding key finding from existing research or power team finding to touch point for motorized accessing data, page malware ransomware attack?  
The key finding the following this slide summarizes the key finding from existing research and unauthorized access malware attack, and they need for rupus and cryption and security protocol to consoles to the context of construction.  
The section of unauthorized access and.  
Data breach highlight the vulnerability of the construction Wouche this week.  
Potential because you're putting cation mechanism, the malware ransomware attack section.  
Discuss the susceptibility of your child device in construction malware.  
Of infection.  
The need for robots encryption.  
I'm it's a creature.  
Protocol section.  
Emphasize the importance of encrypting data on 1st and transit using secure secure coefficient protocol and adoption lightweight encryption algorithm.  
Suitable for resource constraint your chicken bones.  
Mixed method approach.  
Expert review and secure security practice serving dislike outline the mixed method approach that combined while qualitative data to expect interview on quantitative data from survey to assess current security.  
The qualitative data section discuss discuss his conduction seen structure interview with cybersecurity, expect and construction and just professional to gain insight into perceive cyber security threat to challenge and best practice.  
We mentioned using thematic analysis to identify common themes and patterns and provide sample question here and sample question.  
Just like discuss about the points that you did, that section described.  
Stupid.  
Just like discuss about the points that team data and how we proceed to collect our quantitative data, the punch that you did a section described developing Survey Questionnaire to assess current cybersecurity practice in construction organization, the outline the process of distributing the serving quality data on the adoption of security measure and analyzing the data using descriptive and reference statistic, sample survey item and provided to link straight.  
The type of question that would be asked.  
I visual just jugram represent the research design.  
This represent the just represent.  
Just represent the research design.  
This job can represent the research design clearly communicate the flow of the mixed method approach from the data collection to analysis and integration which eventually didn't.  
To target it, recommendation and base comprehensive understanding of the subject matter.  
Hitchcock consideration 100 insensitive.  
Data confidentiality.  
All participants will be provided with a clear and comprehensive informed consent form.  
The form will apply on the purpose of the study that the collection we do and potential risk and benefit participant will have the right to withdraw from study and anytime without consequences.  
All collected data will be anonymized to protect the identity of participant and the open.  
This one and and the organizations.  
Put the still didn't and unique identification number will be used.  
Bullet data will be stored and encrypted into device and password protected coding.  
Blood stopping?  
Cloud storage.  
The result we are there to the relevant data protection regulation such as the general Data Protection Regulation, GDPR and the health insurance probability and Accountability Act, HIPAA appropriate technical, appropriate technical organizational measure will be implemented to ensure data security and privacy.  
By producing Ichika handling of sensitive data and maintaining confidentiality, this research and to protect the right and privacy of participant while contributing in advancement of the cybersecurity knowledge in the construction YouTube domain.  
Jesus shop is divided in Jesus, our research project timeline.  
This shop is divided into 2 sections overall and stage.  
The overall section provide a highlight view of the main project phase, including literature review, data collection, analysis and final report.  
The stage section breaks down each phase into more specific task and milestone.  
Thank you for our presentation.  
Here's our older friends.  
Thank you for listening to the presentation.  
Of working.