Lockington, Elliott (SPAC/PSPC)

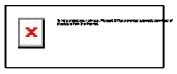
From: Samuel Witherspoon <samuel@imrsv.ai>
Sent: March 27, 2020 1:06 PM
To: Mullan-Boudreau, Caitlin (SPAC/PSPC)
Cc: Parmar, Dovejot (SPAC/PSPC)
Subject: Re: Capabilities

Thanks Caitlin. Dove - looking forward to connecting.

We have made a few submissions through the portal. It's difficult to tell if they are making any progress or gather any feedback on them. We want to help :)

Thanks,

Sam



Samuel Witherspoon
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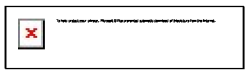

On Fri, Mar 27, 2020 at 1:04 PM Mullan-Boudreau, Caitlin (SPAC/PSPC) <caitlin.mullan-boudreau@canada.ca> wrote:

> Hi Sam – thanks for reaching out. My colleague Dove Parmar will be in touch today.
>
> We encourage you to submit to the government COVID-19 supply portal at buyandsell.gc.ca in the meantime.
>
> Kind regards,
>
> Caitlin
>
> **From:** Church, Leslie (SPAC/PSPC)
> **Sent:** March 27, 2020 10:30 AM
> **To:** Samuel Witherspoon <samuel@imrsv.ai>

Cc: Mullan-Boudreau, Caitlin (SPAC/PSPC) <caitlin.mullan-boudreau@canada.ca>
Subject: RE: Capabilities

Thank you, Sam. I'm copying in our Director of Operations who is helping coordinate our outreach from potential suppliers. Caitlin – or someone from her team – will be in touch.

The infrared temperature checking technology is a new area for us… but I think one we may wish to share with some of our colleagues in other departments as the response to covid continues to develop.

Warm regards,

Leslie

From: Samuel Witherspoon [mailto:samuel@imrsv.ai]
Sent: March 27, 2020 7:35 AM
To: Church, Leslie (SPAC/PSPC) <leslie.church@canada.ca>
Subject: Capabilities

Hi Leslie,

The capabilities we can provide are:

Contactless temperature monitoring using Infrared Cameras and machine learning for automatic fever detection. We can deploy IR cameras in high traffic areas that can autonomously monitor for fevers. Computation is done 'at the edge' meaning locally with a small computer adjacent to the camera. The approach is privacy preserving, stores nothing and is capable of an accuracy <0.5 degrees celsius. The capability is based on some work we have done for SOCOM in the US. We were supposed to be at one of their facilities this week demonstrating and testing it however it was canceled. I can provide a quick demonstration video of this capability made by one of our engineers.

The second capability is natural language question answering. In essence we can rapidly deploy a call centre which is capable of accepting phone calls from members of the public. Members of the public can come and ask questions in natural language. Responses will be retrieved from the PHAC/HC knowledge bases, answers will be generated and spoken back into the phone (text-to-speech) in real time. The capability can be delivered in english and french. Deployment can be done in less that 2 days.

Reference customers of components of this solution are: Canada Post, USSOCOM. We can demonstrate this capability today.

Thanks,

Sam

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