



Vinay Sriram <vbsriram@gmail.com>

FW: Camera on Silo works

Will Visser <will@brokk.com.au>

Mon, Sep 10, 2018 at 6:53 PM

To: "Vinay Sriram vinay.sriram@ipacs.net.au" <vinay.sriram@ipacs.net.au>

Hi Vinay,

The email from Murray.

//Will.

From: Murray McLean <murray.mclean@h-i-s.com.au>**Sent:** Monday, September 10, 2018 5:42 PM**To:** Will Visser <will@brokk.com.au>**Subject:** Camera on Silo works**Importance:** High

Hi Will,

It is our pleasure to discuss the highlights and our requirements for the camera system.

HIS were engaged to solve an operational problem stopping our client from production with major safety concerns.

The cement silo was the main distribution silo prior to being shipped and had stopped the operation.

It was being emptied by a contracting company by vacuum truck from inside with access from a scaffold on the bottom level.

The contractor undermined a large stope of product which caused a collapse crushing the scaffold and engulfing the equipment, luckily it was when the contractor was on lunch and no people were injured.

The event was reported to Safe work SA whom deemed the space unfit for access and removal by people.

High Impact Solutions were approached after 4 weeks of 6 ton per shift removal rates by rope access technicians with 4 inch vacuumed lines.

High Impact Solutions designed in conjunction with Brokk Australia and IPACS camera systems a full autonomous, system removing all people other than 1 rope access tech to conduct prestart checks on our equipment.

The systems was designed, fabricated and deployed within 5 days of contact, increasing the removal rates from 6 ton per sift to 60 tons + per shift with the dumping of the product being the bottle neck.

The main contributing factor to our success was having the 3d camera system linked to our Brokk 110, where our team could safely operate the equipment from outside the silo until all elevated product was removed.

Vinay from IPACS was a pivotal part in setup, application and commissioning ensuring that we got our client back online as fast as possible as safely as possible.

We received a commendation from the director of our clients company and Safe work SA.

We could not of done this without leveraging from the intelligent camera system

Please feel free to change, shorten or manipulate how you see fit my friend.

Kind Regards,



Murray Mclean

Operations Manager

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