



Proposal for envelope damage solution

Document Control Systems Inc.





# Problems



Moisture and envelope damage.

Curves



New box with curved Envelopes



Mositure





# Package box problem.



When Envelopes are stored or transported, moisture condensed inside the box and internal weight of the envelopes batches or external pressure over the box deform envelopes original shape.

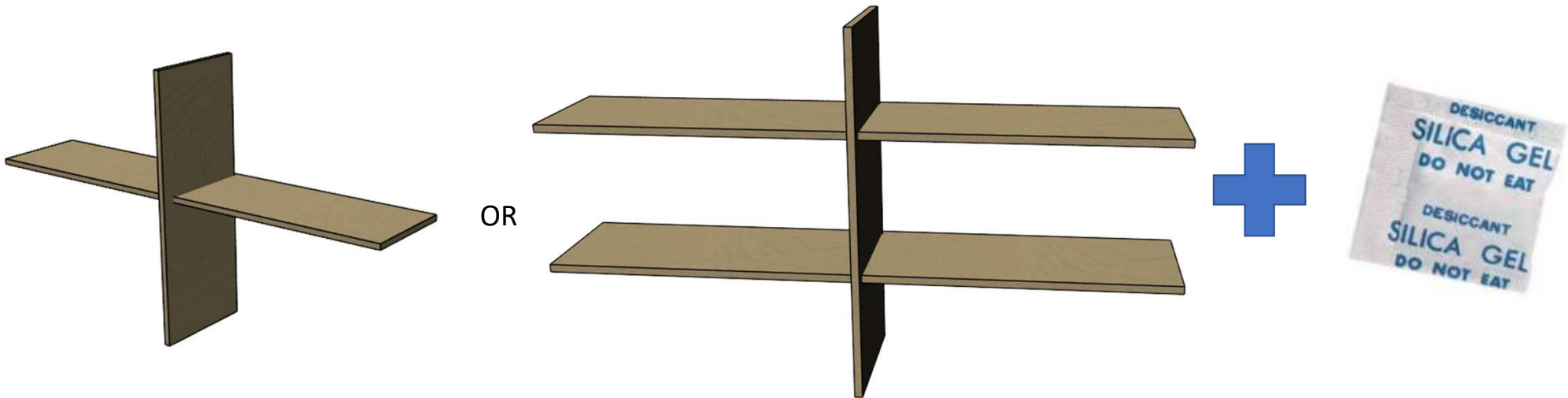
DCS think that making a small adjustment in boxes to protect the envelopes form pressure, weight and Moisture could bring important savings on damaged envelopes and impaired production .



# Solution : Protect Envelopes inside the box

Possible moisture and envelope damage solution.

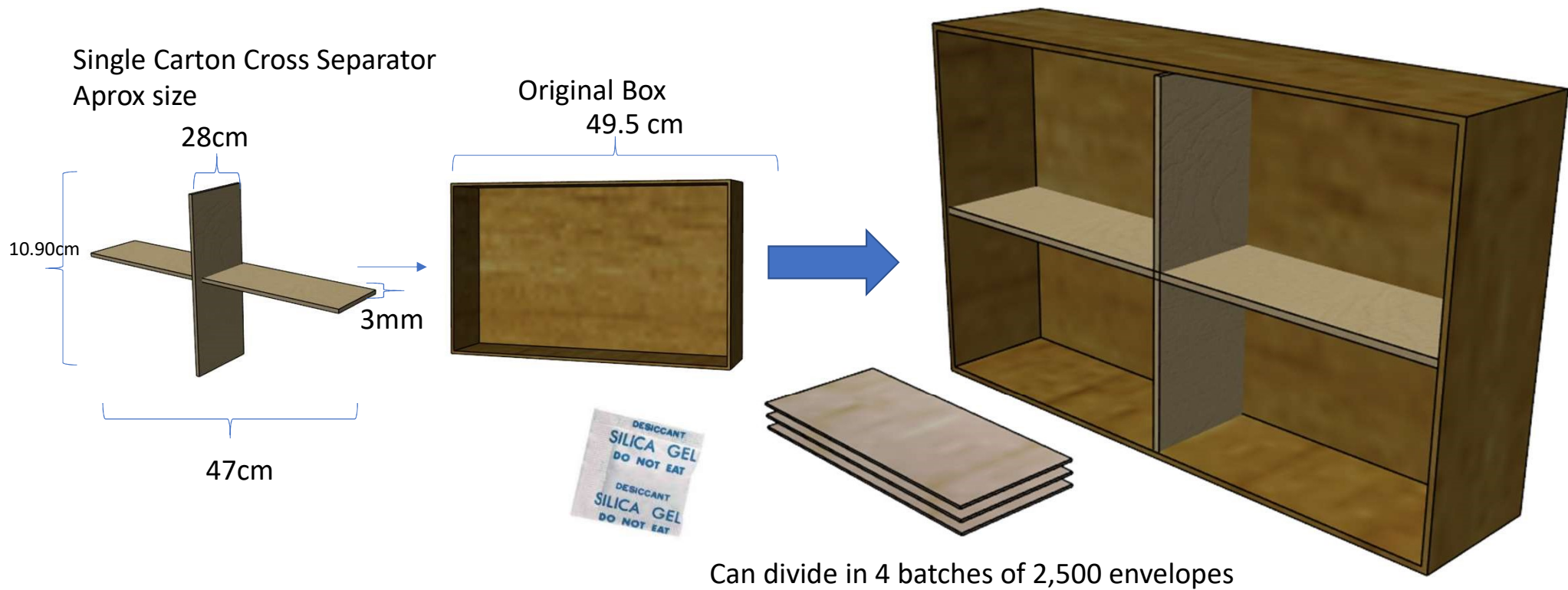
Add a carton cross separator or a double cross separator and a Silica Gel Desiccant for moisture absorption .





# Simple Solution

One cross separator





# Recommended Solution

Double Cross Separator



Can divide 4 corner batches of 200 and 2 central batches of 100

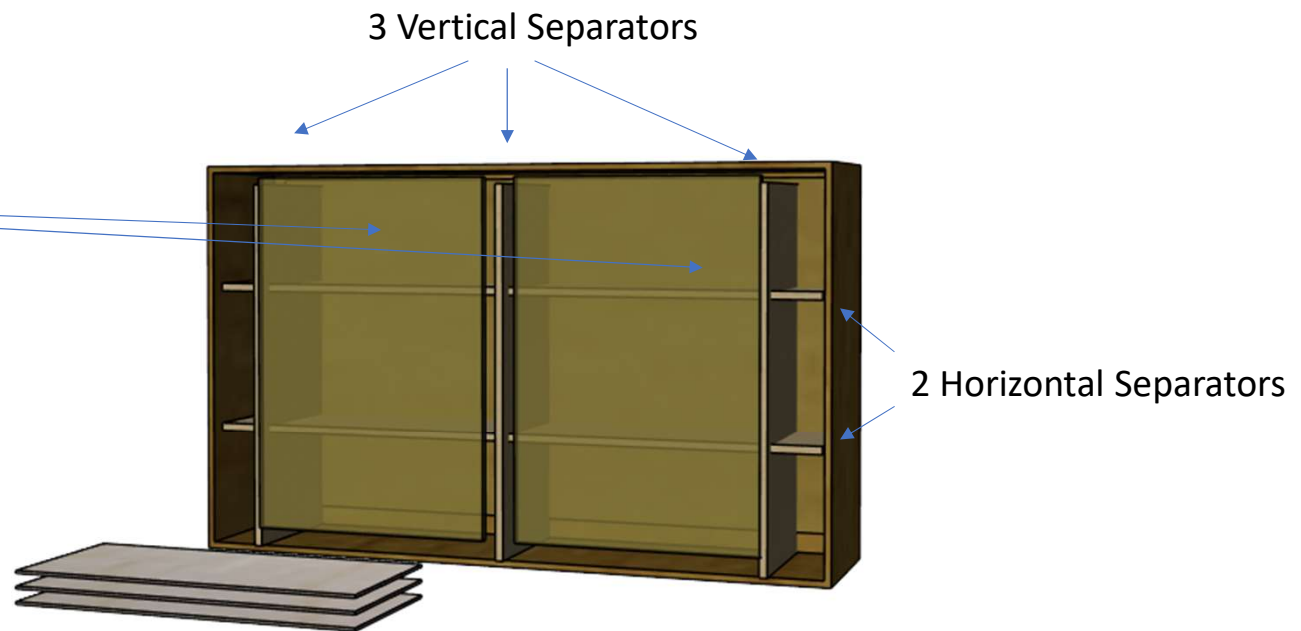


# Complete Solution



1 silica Desiccant Bag  
4 face cover 21cmx27cm  
2 in front and 2 in back  
Increase Box Size

This will give doublé  
protection againts hits and  
moisture.  
Also ensure quality control  
on envelope sizes





This is an idea of solution from DCS to ADP.

Objective: Low cost and fast development solution to protect envelopes in box, reduce blending , extract or collect moisture on a silica desiccant.

The package design, final dimensions and modifications and testing should be made by a professional package design team.

The intention of DCS by sharing this idea is to search for a solution for envelope damage, Minimize envelope waste, increase productivity and reduce technician hours support on site.

