

## How to handle system failures inside a electronic couponing system.

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Abstract: This paper describes various failures that can take place in a economic sytem that is not derived on debt and provide some quidance on how to tackle these issues.

### Problem 1. Failure in service.

Sick people: A coupon represents a value coverages over time. But what happens when your barber is sick at the very moment your coupon is due (Has reached the window of debt). Under current system a rescheduling of an appointment is optional. This should also be possible in a electronic couponing sytem. For this reason a service coupon should always be linked to an appointment or contract (i.e a working schedule). Upon cancellation of a appointment a service coupon should receive a new time period for value coverage. Because a person can never be at 2 locations at the same time the debt window has to be proportially set (in relation to other coupons). The customer (coupon holder) should receive a immediate notification of cancellation of the appointment and the new appointment should be set and acknowleged by the coupon holder.

### Problem 2. Breakdown of equipment/manufacturing.

From a regulatory perspective a service maintenance coupon should alway be in place to prevent breakdowns. But all breaks down one day. For the acute response to a breakdown a critical maintenance coupon should be in place for technicians to do their magic.

Sometimes a breakdown affects the production deadline for deliverance of goods. In this case i suggest the following:

The solution is similar to failure in service. Goods (Items) coupons associated with a critical breakdown should also receive a new time period for value coverage (change of window of debt) if a coupon holder is willing to accept the change in debt window.

### Problem 3. Breakdown of primary life support requirements. Food, Energy, housing.

An inventory control system should be very aware of primary life support people require upon.

For food, energy or housing coupons that fail, a direct alternative should be searched (by A.I) and reached for. Correct priortization of these coupons should be set.

Food coupon fails> change in another type of food (coupon)?

Energy (heat) fails>Activation critical maintenance coupon, Change in house maintenance coupon?  
Different housing?

Housing fail> Different housing?

Reference: Vixra 1908.0532. How to get rid of a Debt Based Money system. Author: Ivo van der Rijt.