



Interlocking of the Future

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Why?

Current solutions are **Complex**,

hard to change

and infrastructure-centric







Complex...



New Assessment per

- New station
- Changed station
- Feature Enhancement / Bugfix







Infrastructure Centric...







The formula of the future

$MAX = (n \times IXL) + RBC$

MAX = Movement-Authority Interlocking

- n = number of IXLs
- IXL = Interlocking
- **RBC** = Radio Block Center







Less complex...











Permanent (periodic) calculation of

the actual hazards

of all trains in the area

at a given point in time.

ActHazards > AllowedRisk => Safe Reaction







With the right algorithm(s) the only data needed is

exact geography







Customer Value







