Manual: 1. Management

Congratulations on your decision to implement advanced analytics in your plant!

In order to get the most out of the experience of using analytics, we suggest that you take a little time to think about the managerial process of integrating this solution into your existing organization. Using a new capability is much more complex than installing a new software package.

In your planning, please consider such topics as

1. The software installation will need IT experts to install the programs and also to setup the network permissions.
2. Engineering experts will select the data to be used for modeling.
3. Process experts will study the model, fine tune it, and decide its fitness for use.
4. The end users of the software will need to be trained on how to use it.
5. Management will need to decide on the usage policy.
6. Action plans need to be established by change management in order to get practical use from the results of analytics.
7. Feedback on the benefits earned and lessons learned will need to be communicated within your organization.
8. Communication with algorithmica takes place when it appears that the model or the software needs to be adjusted or customized.

We therefore encourage you to think about this as a project management task in which there are stakeholders, a leadership team, a project manager and team members. We will not go into detail on the topic of project management in this manual but assume that your organization has that competency already.

The introduction of an analytics program will cause changes to the work environment for a number of people. Getting them used to the new way of working and integrating the technology into the work flow will be an adjustment. Some change management will need to occur for this to take hold in the organization.